APTD-69-3

PB194859

1964 DATA TABULATIONS AND SUMMARIES

Continuous Air Monitoring Projects

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U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Consumer Protection and Environmental Health Service

455

STANDARD TITLE PAGE FOR TECHNICAL REPORTS	1. Report No. APTD 69-3	2. Govt. Accession No.	3. Recipient's Catalog No.

4. Title and Subtitle

X 1964 Data Tabulations and Summaries

CAMP/NASN

5. Report Date: May 1969

6. Performing Organization Code

7. Author(s): Division of Air Quality and Emissions Data

8. Performing Organization Rept. No.

9. Performing Organization Name and Address

Consumer Protection and Environmental Health Service
National Air Pollution Control Administration
Arlington, Virginia

10. Project/Task/Work Unit No.

11. Contract/Grant No.

12. Sponsoring Agency Name and Address

SAME

13. Type of Report & Period Covered

14. Sponsoring Agency Code

15. Supplementary Notes

The APTD series reports technical data of interest to a limited readership.

16. Abstracts

For each of five major cities, summaries of hourly average concentrations of carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons, total oxidants, and 2-hour measurements of soiling index are tabulated. The cities are: Chicago, Cincinnati, Philadelphia, St. Louis, and Washington, D. C. Brief summaries of monthly means and maximums, and annual frequency distributions of data from these cities are also tabulated. ( )

17. Key Words and Document Analysis. (a). Descriptors

Air pollution
Urban areas
Carbon monoxide
Nitrogen oxide (NO)
Nitrogen dioxide
Sulfur dioxide
Hydrocarbons
Oxidizers
Aerosols
Concentration (composition)
Arithmetic mean
Frequency distribution
Continuous sampling
Experimental data
Environmental surveys
Periodic variations

17b. Identifiers/Open-Ended Terms

Continuous Air Monitoring Projects (CAMP)
CAMP
Soiling index
Chicago
Cincinnati
Philadelphia
St. Louis
Washington, D. C.

17c. COSATI Field/Group 13/02

18. Distribution Statement

UNLIMITED

19. Security Class (This Report): UNCLASSIFIED

20. Security Class. (This Page): UNCLASSIFIED

21.

22.

FORM NBS-867(1-70)

1964 DATA TABULATIONS AND SUMMARIES
CONTINUOUS AIR MONITORING PROJECTS
NATIONAL AIR SURVEILLANCE NETWORKS

CHICAGO
CINCINNATI
PHILADELPHIA
ST. LOUIS
WASHINGTON, D. C.

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Consumer Protection and Environmental Health Service
National Air Pollution Control Administration
Division of Air Quality and Emission Data
Arlington, Virginia
May 1969

PREFACE

The Continuous Air Monitoring Projects of the National Air Surveillance Networks operate six continuous monitoring stations in six major cities of the United States. The data tabulations in this booklet are summaries of hourly average concentrations of gaseous pollutants and 2-hour measurements of soiling index levels recorded at the five stations in Chicago, Cincinnati, Philadelphia, St. Louis, and Washington, D. C., during 1964. Data for San Francisco are omitted because the site was subsequently judged to be in a nonrepresentative location. Also enclosed are brief summaries of monthly means and maximums, and annual frequency distributions of data from all the stations.

For further information contact: National Air Pollution Control Administration, Ballston Center Tower No. 2, 801 North Randolph Street, Arlington, Virginia 22203.

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SECTION 2

SUMMARIES OF MONTHLY MEANS AND MAXIMUMS OF POLLUTANT CONCENTRATIONS

Table 1-1. CHICAGO, 1964

CARBON MONOXIDE

MONTH	DAYS VALID DATA	MC. AVG. CONC. (PPM)	MAX. 24 HR. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. (PPM)	DAY	TIME
JAN.	25	7.0	15.	22	21.	18*	15	30.	18*	1545
FEB.	24	6.3	14.	12	22.	6	8	34.	5	1725
MARCH	21	9.4	13.	19	22.	2	8	36.	3	815
APRIL	26	11.1	22.	30	29.	6	17	40.	6	1735
MAY	22	13.2	23.	1	32.	4	7	44.	1	625
JUNE	28	11.6	19.	28#	27.	13*	23	38.	27*	2255
JULY	31	16.6	22.	22	35.	22	16	60.	21	1355
AUG.	30	15.5	22.	3	36.	26	6	52.	26	620
SEPT.	6	A	27.	29	38.	30	6	49.	30	630
OCT.	31	11.8	25.	16	46.	16	6	64.	16	640
NOV.	29	13.6	21.	25	38.	3	17	53.	16	1710
DEC.	24	11.5	21.	17	35.	17	8	49.	2	1610
YEAR	297	12.0	27.		44.			64.		

NITRIC OXIDE

MONTH	DAYS VALID DATA	MC. AVG. CONC. (PPM)	MAX. 24 HR. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. (PPM)	DAY	TIME
JAN.	31	0.108	0.18	1	0.36	30	18	0.39	30	1820
FEB.	28	0.108	0.16	13	0.49	14	8	0.53	14	810
MARCH	31	0.096	0.15	8#	0.30	3	17	0.32	3	1700
APRIL	30	0.080	0.14	2	0.31	5#	16	0.31	5#	1610
MAY	28	0.064	0.16	1	0.30	1	7	0.31	1	710
JUNE	29	0.067	0.12	2	0.32	4	7	0.36	4	700
JULY	28	0.064	0.09	26#	0.25	26#	23	0.28	26#	2315
AUG.	30	0.076	0.15	15*	0.39	26	6	0.40	26	610
SEPT.	6	A	0.19	30	0.45	29	6	0.53	30	525
OCT.	30	0.158	0.35	16	0.91	14	7	0.97	14	730
NOV.	30	0.136	0.27	25	0.70	25	9	0.80	25	905
DEC.	30	0.130	0.18	5*	0.36	9	1	0.48	10	845
YEAR	331	0.100	0.35		0.91			0.97		

A : AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT OR POORLY DISTRIBUTED DATA
* : INDICATES SATURDAY
\# : INDICATES SUNDAY

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Table 1-1 (continued). CHICAGO, 1964

NITROGEN DIOXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	5 MIN. MAX. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	31	0.036	0.05	1	0.08	1	7	0.11	14	1340
FEB.	29	0.039	0.05	14	0.09	14	8	0.09	14	805
MARCH	27	0.041	0.06	27	0.11	27	10	0.12	27	1040
APRIL	30	0.037	0.06	28	0.08	26	22	0.09	28	2225
MAY	28	0.043	0.09	11	0.17	11	13	0.17	11	1310
JUNE	29	0.067	0.12	28#	0.17	28#	16	0.19	28#	1305
JULY	26	0.068	0.10	22	0.18	24	8	0.19	22	2305
AUG.	30	0.048	0.07	6	0.47	30#	16	0.79	30#	1615
SEPT.	6	A	0.07	30	0.11	30	3	0.11	30	225
OCT.	30	0.056	0.15	16	0.33	16	10	0.39	16	1000
NOV.	28	0.038	0.07	3	0.10	1#	18	0.11	25	1125
DEC.	26	0.032	0.05	10	0.07	9	1	0.08	9	150
YEAR	320	0.046	0.15		0.47			0.79		

SULFUR DIOXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	5 MIN. MAX. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	29	0.330	0.62	15	0.98	14	9	1.25	18*	1210
FEB.	29	0.340	0.67	4	1.09	5	12	1.62	5	1230
MARCH	31	0.196	0.38	31	0.72	15#	6	1.31	27	925
APRIL	30	0.128	0.28	9	0.69	6	10	1.22	6	1025
MAY	30	0.091	0.21	17#	0.54	22	9	0.81	1	1740
JUNE	30	0.064	0.17	30	0.73	30	6	0.87	30	615
JULY	24	0.108	0.27	27	0.89	20	8	1.24	20	815
AUG.	31	0.064	0.15	14	0.70	14	8	1.05	14	810
SEPT.	6	A	0.11	25	0.53	25	8	1.07	25	805
OCT.	30	0.158	0.30	24*	0.90	24*	7	1.23	24*	810
NOV.	29	0.200	0.45	25	0.94	24	10	1.35	24	1050
DEC.	29	0.266	0.43	5*	0.76	15	8	1.04	15	810
YEAR	328	0.175	0.67		1.09			1.62		

A : AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT OR POORLY DISTRIBUTED DATA
* : INDICATES SATURDAY
# : INDICATES SUNDAY

Table 1-1 (continued). CHICAGO, 1964

HYDROCARBON

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	31	2.97	3.7	2	5.3	30	18	7.0	8	2215
FEB.	28	2.40	3.0	18	4.9	18	7	12.0	22*	300
MARCH	31	3.01	4.3	13	7.1	7*	14	9.0	24	1305
APRIL	30	3.05	3.8	17	8.3	6	17	10.0	6	1740
MAY	30	3.58	5.1	15	7.6	11	6	11.0	25	2355
JUNE	26	3.74	5.2	25	7.8	2	6	12.0	2	625
JULY	9	A	4.5	23	6.3	24	6	16.0	28	2240
AUG.	27	3.55	5.5	29*	8.1	28	21	20.0	28	2140
SEPT.	0	A								
OCT.	29	1.98	3.9	16	8.3	16	7	12.0	12	2230
NOV.	29	2.76	4.8	25	6.9	25	7	11.0	3	2225
DEC.	28	3.40	4.5	24	7.2	24	9	9.0	1	10
YEAR	298	3.05	5.5		8.3			20.0		

TOTAL OXIDANT
(BETWEEN 1100 - 1655 MAX. ONLY)

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	19	0.013	0.06	30	0.02	31	15	0.12	30	1615
FEB.	28	0.014	0.04	19	0.06	5	11	0.13	2#	1645
MARCH	29	0.040	0.06	19	0.09	19	11	0.13	4	1355
APRIL	29	0.047	0.07	25*	0.11	2	16	0.17	2	1505
MAY	26	0.050	0.08	17#	0.11	11	13	0.14	11	1340
JUNE	25	0.038	0.06	30	0.12	30	13	0.15	30	1310
JULY	25	0.034	0.06	22	0.12	21	12	0.14	21	1155
AUG.	19	0.022	0.04	16#	0.08	16#	13	0.09	16#	1220
SEPT.	6	A	0.04	29	0.05	29	13	0.06	28	1450
OCT.	1	A	0.02	3*	0.05	3*	13	0.06	3*	1315
NOV.	23	0.022	0.04	25	0.05	27	11	0.11	27	1650
DEC.	29	0.012	0.04	3	0.08	11	11	0.09	2	1310
YEAR	259	0.030	0.08		0.12			0.17		

A : AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT OR POORLY DISTRIBUTED DATA
* : INDICATES SATURDAY
# : INDICATES SUNDAY

Table 1-2. CINCINNATI, 1964

CARBON MONOXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	0	A								
FEB.	0	A								
MARCH	0	A								
APRIL	14	A	7.	11*	13.	11*	3	13.	11*	235
MAY	31	8.7	15.	28	20.	22	16	23.	22	1620
JUNE	30	11.0	17.	2	21.	4	23	24.	5	1845
JULY	16	A	13.	17	18.	16	23	21.	16	2310
AUG.	15	A	4.	24	11.	30#	0	15.	14	2200
SEPT.	26	3.3	6.	9	17.	19*	23	22.	19*	2155
OCT.	31	4.2	7.	24*	17.	17*	18	26.	24*	1935
NOV.	26	5.2	10.	7*	22.	14*	21	25.	14*	2150
DEC.	29	4.0	7.	21	12.	15	23	49.	15	2310
YEAR	218	6.2	17.		22.			49.		

NITRIC OXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	26	0.029	0.07	30	0.25	30	21	0.29	30	2055
FEB.	27	0.036	0.13	4	0.26	4	9	0.35	4	940
MARCH	30	0.017	0.06	23	0.19	23	2	0.20	15#	2315
APRIL	29	0.021	0.09	11*	0.31	11*	0	0.33	11*	15
MAY	30	0.020	0.06	15	0.18	15	8	0.21	15	805
JUNE	26	0.020	0.07	26	0.20	29	1	0.22	29	720
JULY	28	0.027	0.08	11*	0.20	11*	0	0.22	11*	50
AUG.	31	0.025	0.10	16#	0.30	16#	1	0.32	16#	110
SEPT.	29	0.034	0.10	14	0.32	20#	0	0.33	19*	2355
OCT.	31	0.069	0.17	24*	0.45	11#	22	0.47	11#	2300
NOV.	30	0.099	0.31	24	0.65	24	9	0.68	24	910
DEC.	30	0.054	0.18	21	0.49	20#	21	0.54	20#	2135
YEAR	347	0.038	0.31		0.65			0.68		

A : AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT OR POORLY DISTRIBUTED DATA
* : INDICATES SATURDAY
# : INDICATES SUNDAY

Table 1-2 (continued). CINCINNATI, 1964

NITROGEN DIOXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	5 MIN. MAX. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	27	0.022	0.04	14	0.05	17	17	0.06	17	1715
FEB.	28	0.025	0.04	18	0.08	4	10	0.09	4	1030
MARCH	31	0.022	0.04	23	0.05	8#	13	0.09	24	1425
APRIL	29	0.024	0.04	10	0.06	10	20	0.06	5#	2015
MAY	29	0.030	0.06	22	0.11	18	8	0.14	15	850
JUNE	26	0.031	0.07	27*	0.18	27*	8	0.20	27*	835
JULY	31	0.040	0.07	22	0.12	20	8	0.16	20	855
AUG.	31	0.036	0.06	17	0.14	20	15	0.25	20	1525
SEPT.	29	0.040	0.08	8	0.34	5*	6	1.00	5*	635
OCT.	28	0.045	0.08	15	0.18	15	10	0.20	14	825
NOV.	23	0.041	0.10	7*	0.24	7*	11	0.30	1#	1645
DEC.	30	0.026	0.04	21	0.06	21	1	0.07	20#	2145
YEAR	342	0.032	0.10		0.34			1.00		

SULFUR DIOXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	5 MIN. MAX. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	29	0.039	0.08	2	0.43	2	19	0.51	2	1910
FEB.	29	0.033	0.07	12	0.26	12	8	0.68	12	815
MARCH	27	0.033	0.09	14*	0.25	14*	12	0.41	8#	1750
APRIL	29	0.031	0.09	13	0.35	13	11	0.67	28	1655
MAY	28	0.027	0.06	6	0.30	21	12	0.84	21	1155
JUNE	28	0.024	0.07	9	0.40	9	20	0.62	9	2030
JULY	31	0.027	0.06	1	0.30	25*	11	0.61	9	2105
AUG.	31	0.035	0.09	21	0.53	21	6	0.81	19	950
SEPT.	30	0.042	0.07	6#	0.55	6#	22	0.76	6#	2225
OCT.	31	0.048	0.08	13	0.39	21	5	0.61	21	550
NOV.	30	0.060	0.14	11	0.46	11	19	0.88	11	2000
DEC.	31	0.056	0.18	16	0.57	24	6	0.87	16	2215
YEAR	354	0.038	0.18		0.57			0.88		

A : AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT OR POORLY DISTRIBUTED DATA
* : INDICATES SATURDAY
# : INDICATES SUNDAY

Table 1-2 (continued). CINCINNATI, 1964

HYDROCARBON

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	5 MIN. MAX. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	30	3.43	5.1	23	13.4	23	20	20.0	18*	2320
FEB.	29	3.11	6.4	4	11.1	4	20	14.0	4	2130
MARCH	31	2.79	4.1	23	10.0	23	3	12.0	23	345
APRIL	30	2.65	4.7	20	11.3	20	23	14.0	20	2045
MAY	31	2.77	3.8	22	6.8	11	2	9.0	1	220
JUNE	26	2.66	3.6	27*	6.4	27*	3	8.0	25	2235
JULY	28	3.01	4.4	11*	7.1	12#	0	8.0	10	2340
AUG.	31	2.67	4.2	16#	7.4	16#	1	8.0	16#	30
SEPT.	30	2.67	4.3	9	7.4	10	1	9.0	10	105
OCT.	27	3.66	5.6	24*	9.0	15	1	9.0	3*	2120
NOV.	21	3.75	8.9	7*	16.3	14*	21	18.0	7*	355
DEC.	29	3.10	5.7	21	12.5	3	17	14.0	3	1725
YEAR	343	3.00	8.9		16.3			20.0		

TOTAL OXIDANT
(BETWEEN 1100 - 1655 MAX. ONLY)

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	5 MIN. MAX. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	15	A	0.01	24	0.02	30	11	0.03	17	1455
FEB.	25	0.005	0.01	1*	0.02	2#	13	0.02	1*	1405
MARCH	30	0.010	0.02	29#	0.03	24	15	0.04	24	1505
APRIL	27	0.021	0.04	24	0.06	24	11	0.07	24	1125
MAY	28	0.029	0.04	17#	0.06	17#	15	0.07	21	1255
JUNE	20	0.031	0.05	25	0.10	25	16	0.11	25	1645
JULY	23	0.057	0.09	19#	0.26	21	13	0.32	21	1250
AUG.	31	0.045	0.06	29#	0.15	29*	16	0.15	29*	1530
SEPT.	23	0.037	0.08	10	0.14	2	16	0.16	2	1625
OCT.	31	0.036	0.06	14	0.12	14	15	0.13	14	1500
NOV.	22	0.032	0.06	3	0.11	3	12	0.13	3	1235
DEC.	29	0.018	0.03	3	0.04	30	15	0.13	3	1645
YEAR	304	0.028	0.09		0.26			0.32		

A : AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT OR POORLY DISTRIBUTED DATA
* : INDICATES SATURDAY
# : INDICATES SUNDAY

Table 1-3. PHILADELPHIA, 1964

CARBON MONOXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	MAX. 24 HR. CONC. DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	MAX. HRLY. AVG. CONC. DAY	MAX. HRLY. AVG. CONC. HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	MAX. 5 MIN. INST. CONC. DAY	MAX. 5 MIN. INST. CONC. TIME
JAN.	0	A								
FEB.	25	6.2	12.	5	31.	5	23	33.	5	2335
MARCH	31	5.2	9.	3	16.	2	8	21.	2	825
APRIL	24	9.0	19.	29	24.	27	6	39.	27	605
MAY	29	6.9	16.	3 #	26.	2*	22	29.	2*	2235
JUNE	29	5.2	9.	23	11.	18	6	14.	14#	2040
JULY	26	4.1	7.	13	10.	13	7	15.	28	715
AUG.	30	4.7	8.	7	14.	7	20	18.	7	850
SEPT.	29	6.1	9.	5 *	19.	30	21	24.	5	1535
OCT.	31	8.1	14.	11 #	37.	27	8	41.	27	805
NOV.	30	12.6	21.	12	36.	8 #	0	43.	7*	2340
DEC.	26	10.0	19.	13 #	30.	13 #	0	46.	13#	40
YEAR	310	7.1	21.		37.			46.		

NITRIC OXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	MAX. 24 HR. CONC. DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	MAX. HRLY. AVG. CONC. DAY	MAX. HRLY. AVG. CONC. HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	MAX. 5 MIN. INST. CONC. DAY	MAX. 5 MIN. INST. CONC. TIME
JAN.	26	0.067	0.21	18	0.59	22	23	0.61	18 *	900
FEB.	29	0.045	0.13	5	1.15	5	23	1.35	5	2355
MARCH	27	0.040	0.14	4	0.47	4	6	0.53	4	645
APRIL	20	0.032	0.09	7	0.22	7	20	0.29	7	2035
MAY	26	0.030	0.14	19	0.64	18	23	0.68	18	2340
JUNE	28	0.018	0.05	4	0.25	4	22	0.31	1	715
JULY	30	0.018	0.04	7	0.12	11 *	3	0.16	28	1030
AUG.	27	0.022	0.06	10	0.29	10	7	0.31	10	725
SEPT.	28	0.034	0.10	29	0.43	30	21	0.46	30	2115
OCT.	29	0.071	0.19	14	0.53	15	0	0.59	14	1940
NOV.	28	0.095	0.25	15 #	0.79	8 #	1	0.87	8 #	155
DEC.	31	0.064	0.15	12 *	0.58	25	23	0.63	25	2345
YEAR	329	0.045	0.25		1.15			1.35		

A- AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT OR POORLY DISTRIBUTED DATA
*- INDICATES SATURDAY
- INDICATES SUNDAY

Table 1-3 (continued). PHILADELPHIA, 1964

NITROGEN DIOXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	HRLY. CONC. (PPM)	MAX. AVG. CONC. DAY	HR.	5 MIN. CONC. (PPM)	MAX. INST. CONC. DAY	TIME
JAN.	28	0.033	0.07	18*	0.14	18*	10	0.17	18*	1050
FEB.	28	0.034	0.07	18	0.12	5	23	0.16	29*	2010
MARCH	27	0.042	0.07	4	0.13	4	6	0.13	4	600
APRIL	25	0.035	0.05	17	0.11	27	7	0.12	27	725
MAY	26	0.053	0.10	8	0.26	8	7	0.29	8	745
JUNE	29	0.042	0.08	12	0.13	12	23	0.15	8	755
JULY	27	0.036	0.08	11*	0.16	11*	8	0.19	11*	1015
AUG.	27	0.036	0.06	28	0.14	10	9	0.16	10	930
SEPT.	28	0.038	0.08	18	0.18	18	9	0.37	15	555
OCT.	18	0.042	0.09	4#	0.21	4#	16	0.25	4#	1215
NOV.	13	A	0.04	24	0.06	25	0	0.06	24	925
DEC.	28	0.030	0.05	10	0.11	10	15	0.12	10	1525
YEAR	304	0.038	0.10		0.26			0.37		

SULFUR DIOXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	HRLY. CONC. (PPM)	MAX. AVG. CONC. DAY	HR.	5 MIN. CONC. (PPM)	MAX. INST. CONC. DAY	TIME
JAN.	30	0.154	0.43	3	0.94	26 #	8	1.00	26#	840
FEB.	29	0.114	0.25	26	0.53	13	8	0.67	26	930
MARCH	25	0.085	0.31	1 #	0.56	1 #	1	0.72	1#	120
APRIL	28	0.098	0.22	17	0.51	7	11	0.63	7	1055
MAY	31	0.087	0.24	22	0.53	8	22	0.72	9	600
JUNE	14	A	0.14	15	0.49	9	8	0.69	9	840
JULY	13	A	0.18	3	0.45	3	6	0.67	3	55
AUG.	18	0.068	0.19	5	0.50	5	2	0.55	5	245
SEPT.	12	A	0.12	29	0.42	26 *	9	0.64	27 #	2255
OCT.	30	0.028	0.13	2	0.19	2	7	0.44	28	910
NOV.	27	0.031	0.11	19	0.48	5	9	0.65	5	945
DEC.	0	A								
YEAR	257	0.081	0.43		0.84			1.00		

A- AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT OR POORLY DISTRIBUTED DATA
* - INDICATES SATURDAY
\# - INDICATES SUNDAY

Table 1-3 (continued). PHILADELPHIA, 1964

HYDROCARBON

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC.		MAX. HRLY. AVG. CONC.			MAX. 5 MIN. INST. CONC.		
			CONC. (PPM)	DAY	CONC. (PPM)	DAY	HR.	CONC. (PPM)	DAY	TIME
JAN.	26	2.47	3.8	18 *	7.3	19 #	7	8.0	18 *	1030
FEB.	24	2.34	3.6	22 *	6.8	13	7	8.0	3	1730
MARCH	29	2.27	3.0	30	7.9	16	22	10.0	16	2220
APRIL	28	1.98	3.3	8	6.2	8	8	8.0	18 *	420
MAY	25	1.99	4.6	8	10.3	8	7	14.0	8	720
JUNE	30	2.19	3.0	15	5.3	9	6	8.0	25	810
JULY	31	2.23	3.3	11 *	5.5	11 *	2	6.0	10	2255
AUG.	29	2.33	3.5	7	6.8	7	8	9.0	18	625
SEPT.	27	1.99	3.6	4	7.3	10	7	17.0	26 *	740
OCT.	31	2.54	6.0	27	11.9	28	6	15.0	28	640
NOV.	28	2.04	3.8	16	7.0	16	6	11.0	12	755
DEC.	24	2.15	3.7	12 *	6.3	4	16	8.0	13 #	35
YEAR	332	2.22	6.0		11.9			17.0		

TOTAL OXIDANT
(BETWEEN 1100 - 1655 MAX. ONLY)

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC.		MAX. HRLY. AVG. CONC.			MAX. 5 MIN. INST. CONC.		
			CONC. (PPM)	DAY	CONC. (PPM)	DAY	HR.	CONC. (PPM)	DAY	TIME
JAN.	18	0.008	0.03	3	0.05	20	16	0.07	3	1650
FEB.	26	0.008	0.03	1 *	0.04	5	13	0.08	1*	1520
MARCH	27	0.020	0.04	24	0.05	24	15	0.07	6	1640
APRIL	20	0.021	0.03	23	0.07	17	15	0.08	17	1400
MAY	21	0.036	0.07	23 *	0.14	19	13	0.15	19	1255
JUNE	25	0.044	0.08	30	0.21	29	15	0.24	29	1445
JULY	28	0.037	0.07	1	0.17	11 *	11	0.18	11*	1110
AUG.	24	0.045	0.09	21	0.16	27	16	0.19	27	1635
SEPT.	26	0.034	0.07	18	0.20	18	11	0.25	18	1120
OCT.	28	0.022	0.04	27	0.09	15	13	0.12	15	1320
NOV.	23	0.013	0.03	11	0.13	15#	12	0.19	15#	1235
DEC.	27	0.019	0.05	24	0.04	30	16	0.11	24	1510
YEAR	293	0.026	0.09		0.21			0.25		

A- AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT OR POORLY DISTRIBUTED DATA
* - INDICATES SATURDAY
\# - INDICATES SUNDAY

Table 1-4. ST. LOUIS, 1964

CARBON MONOXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	5 MIN. MAX. INST. CONC. CONC. (PPM)	DAY	TIME
MARCH	24	6.0	9.	18	17.	11*	17	28.	11*	1655
APRIL	29	7.3	11.	27	20.	6	7	34.	3	750
MAY	31	6.5	10.	22	20.	1	6	33.	1	625
JUNE	30	8.2	17.	29	22.	26	16	32.	26	1600
JULY	31	9.1	12.	21	18.	23	6	29.	17	645
AUG.	30	5.3	9.	1*	15.	10	15	25.	10	1555
SEPT.	30	5.1	12.	28	25.	29	6	42.	29	630
OCT.	31	5.0	9.	16	25.	16	7	45.	16	645
NOV.	28	5.5	13.	4	25.	3	16	38.	2	1710
DEC.	31	5.1	10.	21	24.	21	16	41.	23	1710
YEAR	295	6.3	17.		25.			45.		

NITRIC OXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	5 MIN. MAX. INST. CONC. CONC. (PPM)	DAY	TIME
MARCH	12	A	0.10	7*	0.40	7*	12	0.41	7*	1220
APRIL	27	0.039	0.08	6	0.22	6	7	0.30	15	800
MAY	30	0.030	0.07	1	0.29	1	6	0.41	1	640
JUNE	30	0.032	0.06	29	0.21	1	6	0.26	1	635
JULY	29	0.021	0.04	8	0.13	10	7	0.18	10	710
AUG.	24	0.020	0.04	14	0.12	31	6	0.16	17	155
SEPT.	30	0.032	0.09	29	0.33	29	6	0.40	29	715
OCT.	31	0.044	0.14	16	0.75	16	7	0.84	16	730
NOV.	30	0.047	0.12	24	0.26	25	17	0.32	24	1700
DEC.	31	0.055	0.12	21	0.32	11	23	0.37	11	2255
YEAR	274	0.036	0.14		0.75			0.84		

A : AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT OR POORLY DISTRIBUTED DATA
* : INDICATES SATURDAY
# : INDICATES SUNDAY

Table 1-4 (continued). ST. LOUIS, 1964

NITROGEN DIOXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	DAY	TIME
MARCH	8	A	0.06	27	0.22	30	23	0.25	30	2315
APRIL	27	0.035	0.05	16	0.08	10	17	0.09	1	920
MAY	30	0.045	0.07	23*	0.13	20	10	0.15	25	1625
JUNE	30	0.040	0.07	4	0.12	4	8	0.12	4	735
JULY	29	0.033	0.06	10	0.10	8	7	0.11	8	720
AUG.	24	0.031	0.06	10	0.11	17	1	0.13	17	940
SEPT.	30	0.035	0.08	15	0.21	15	10	0.24	15	1035
OCT.	31	0.034	0.12	16	0.22	16	9	0.31	16	905
NOV.	30	0.029	0.05	4	0.09	4	10	0.09	4	1010
DEC.	31	0.019	0.03	29	0.06	20#	20	0.08	20#	2020
YEAR	270	0.033	0.12		0.22			0.31		

SULFUR DIOXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	DAY	TIME
MARCH	20	0.085	0.17	27	0.73	23	0	1.06	22#	2300
APRIL	28	0.061	0.14	1	0.46	27	5	0.94	10	2230
MAY	31	0.041	0.10	10#	0.40	10#	6	0.65	11	1445
JUNE	30	0.031	0.07	13*	0.30	27*	1	0.58	27*	120
JULY	31	0.055	0.12	31	0.53	31	22	1.01	18*	2100
AUG.	27	0.046	0.15	18	0.73	5	20	0.96	5	2010
SEPT.	30	0.069	0.14	6#	0.46	14	3	1.01	30	2355
OCT.	31	0.079	0.19	15	0.59	10*	8	0.99	11#	620
NOV.	30	0.081	0.26	23	0.55	23	21	1.16	23	2150
DEC.	11	A	0.08	27#	0.20	28	21	0.29	24	705
YEAR	269	0.059	0.26		0.73			1.16		

A : AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT OR POORLY DISTRIBUTED DATA
* : INDICATES SATURDAY
# : INDICATES SUNDAY

Table 1-4 (continued). ST. LOUIS, 1964

HYDROCARBON

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	5 MIN. MAX. INST. CONC. CONC. (PPM)	DAY	TIME
MARCH	0	A								
APRIL	18	4.02	5.7	1R	8.5	11	14	11.0	11*	1435
MAY	21	2.63	3.8	10	5.4	15	15	9.0	15	620
JUNE	20	2.68	3.7	4	6.1	26	6	8.0	4	1545
JULY	31	1.94	2.7	24	5.3	23	6	9.0	16	645
AUG.	20	2.71	3.4	18	6.4	27	6	12.0	28	2155
SEPT.	30	3.58	5.0	19*	8.8	19	6	12.0	29	630
OCT.	31	3.64	6.9	16	13.7	16	7	20.0	16	655
NOV.	30	3.29	5.9	4	8.1	4	5	13.0	6	1640
DEC.	31	3.16	4.9	29	9.3	11	23	12.0	11	2330
YEAR	232	3.07	6.9		13.7			20.0		

TOTAL OXIDANT
(BETWEEN 1100 - 1655 MAX. ONLY)

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	5 MIN. MAX. INST. CONC. CONC. (PPM)	DAY	TIME
MARCH	8	A	0.05	29#	0.07	29#	13	0.08	29#	1655
APRIL	22	0.030	0.04	25*	0.07	25*	14	0.08	10	1425
MAY	29	0.044	0.07	17#	0.12	17#	13	0.14	25	1400
JUNE	27	0.025	0.06	27*	0.10	28#	12	0.13	26	1125
JULY	26	0.038	0.07	25*	0.15	25*	16	0.17	25*	1635
AUG.	23	0.039	0.07	17	0.15	16#	16	0.16	16#	1530
SEPT.	30	0.024	0.04	14	0.09	15	12	0.10	15	1130
OCT.	29	0.034	0.07	16	0.11	17*	11	0.14	16	1335
NOV.	29	0.026	0.05	8#	0.10	8#	13	0.13	8#	1320
DEC.	31	0.020	0.04	10	0.07	23	13	0.11	9	1635
YEAR	254	0.031	0.07		0.15			0.17		

A : AVERAGE NOT CALCULATED BECAUSF OF INSUFFICIENT OR POORLY DISTRIBUTED DATA
* : INDICATES SATURDAY
# : INDICATES SUNDAY

Table 1-5. WASHINGTON, D. C., 1964

CARBON MONOXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	5 MIN. MAX. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	0	A								
FEB.	21	5.6	9.	12	13.	12	20	15.	7	750
MARCH	31	5.1	8.	2	17.	2	8	20.	2	915
APRIL	30	5.7	7.	23	15.	10	20	21.	10	2005
MAY	31	6.3	10.	23*	17.	8	6	21.	8	705
JUNE	19	5.8	11.	18	22.	18	6	25.	18	650
JULY	0	A								
AUG.	18	5.5	11.	20	16.	20	4	19.	18	700
SEPT.	30	5.4	8.	29	19.	26*	7	21.	25	2305
OCT.	31	5.9	13.	15	28.	15	8	29.	15	805
NOV.	12	A	6.	22#	10.	24	8	14.	24	725
DEC.	30	6.1	11.	12*	32.	30	20	37.	12*	2000
YEAR	253	5.7	13.		32.			37.		

NITRIC OXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	5 MIN. MAX. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	28	0.074	0.29	18*	0.88	22	8	0.98	22	755
FEB.	28	0.031	0.14	5	0.38	5	8	0.50	5	900
MARCH	23	0.018	0.04	8#	0.17	8#	3	0.20	1#	1030
APRIL	29	0.017	0.06	7	0.21	23	1	0.29	23	120
MAY	30	0.016	0.06	8	0.27	5	6	0.34	5	600
JUNE	28	0.015	0.09	18	0.36	18	5	0.41	18	505
JULY	20	0.008	0.03	17	0.13	17	4	0.15	17	430
AUG.	28	0.013	0.05	20	0.20	7	4	0.23	7	440
SEPT.	28	0.023	0.07	29	0.26	25	23	0.31	25	2325
OCT.	30	0.060	0.24	15	0.65	15	8	0.69	15	815
NOV.	29	0.068	0.17	15#	0.50	15#	20	0.53	15#	2025
DEC.	31	0.045	0.15	30	0.57	30	20	0.60	30	2025
YEAR	332	0.034	0.29		0.88			0.98		

A : AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT OR POORLY DISTRIBUTED DATA
* : INDICATES SATURDAY
# : INDICATES SUNDAY

Table 1-5 (continued). WASHINGTON, D. C., 1964

NITROGEN DIOXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	MAX. 24 HR. CONC. DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	MAX. HRLY. AVG. CONC. DAY	MAX. HRLY. AVG. CONC. HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	MAX. 5 MIN. INST. CONC. DAY	MAX. 5 MIN. INST. CONC. TIME
JAN.	27	0.044	0.10	19#	0.23	3	21	0.24	3	2130
FEB.	28	0.041	0.07	5	0.10	5	9	0.12	5	1000
MARCH	22	0.035	0.05	24	0.12	2	10	0.14	2	1020
APRIL	20	0.034	0.04	17	0.07	18*	9	0.09	18*	915
MAY	31	0.041	0.08	8	0.18	8	9	0.24	8	850
JUNE	30	0.039	0.06	18	0.18	18	7	0.20	18	730
JULY	24	0.034	0.05	1	0.12	17	8	0.15	17	800
AUG.	29	0.031	0.05	7	0.13	21	8	0.15	21	835
SEPT.	30	0.030	0.05	15	0.14	7	9	0.16	7	925
OCT.	30	0.041	0.07	26	0.13	13	10	0.16	13	1030
NOV.	29	0.043	0.10	2	0.19	2	9	0.23	2	940
DEC.	31	0.025	0.04	10	0.07	30	20	0.07	4	1140
YEAR	331	0.037	0.10		0.23			0.24		

SULFUR DIOXIDE

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	MAX. 24 HR. CONC. DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	MAX. HRLY. AVG. CONC. DAY	MAX. HRLY. AVG. CONC. HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	MAX. 5 MIN. INST. CONC. DAY	MAX. 5 MIN. INST. CONC. TIME
JAN.	9	A	0.22	19#	0.37	19#	5	0.44	18*	820
FEB.	4	A	0.02	4	0.03	3	13	0.11	3	210
MARCH	12	A	0.08	23	0.24	23	6	0.29	23	635
APRIL	30	0.036	0.08	5#	0.19	5#	6	0.25	5#	650
MAY	29	0.038	0.06	12	0.22	13	9	0.26	13	850
JUNE	28	0.032	0.07	12	0.17	12	7	0.29	12	740
JULY	24	0.018	0.04	25*	0.07	7	15	0.17	7	1540
AUG.	31	0.018	0.04	15*	0.15	15*	7	0.20	15*	730
SEPT.	28	0.031	0.07	29	0.12	26*	8	0.20	9	1035
OCT.	29	0.073	0.14	15	0.46	26	8	0.87	26	855
NOV.	30	0.087	0.22	8#	0.62	2	8	0.73	2	840
DEC.	27	0.082	0.17	10	0.30	10	7	0.38	10	700
YEAR	281	0.047	0.22		0.62			0.87		

A : AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT OR POORLY DISTRIBUTED DATA
* : INDICATES SATURDAY
# : INDICATES SUNDAY

Table 1-5 (continued). WASHINGTON, D. C., 1964

HYDROCARBON

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	31	3.50	6.6	18*	14.6	18*	21	17.0	18*	2115
FEB.	29	2.95	3.8	5	5.6	5	8	7.0	15*	700
MARCH	31	2.71	3.4	8#	5.4	8#	3	6.0	2	900
APRIL	18	2.23	3.2	23	5.3	23	0	7.0	23	105
MAY	31	2.64	3.8	8	10.8	24#	1	12.0	24#	110
JUNE	30	2.60	3.7	4	6.3	4	22	8.0	4	2315
JULY	30	3.23	4.2	17	6.3	15	5	8.0	15	545
AUG.	31	3.18	4.8	7	11.6	7	4	12.0	7	400
SEPT.	30	3.23	4.8	26*	10.6	26*	4	11.0	26*	425
OCT.	26	3.31	5.7	15	12.3	26	22	15.0	26	2145
NOV.	30	3.72	6.1	8#	11.7	8#	6	16.0	12	445
DEC.	31	3.01	4.3	12*	9.9	30	19	12.0	12*	2005
YEAR	348	3.05	6.6		14.6			17.0		

TOTAL OXIDANT
(BETWEEN 1100 - 1655 MAX. ONLY)

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	25	0.008	0.03	3	0.05	31	13	0.07	9	1345
FEB.	27	0.009	0.03	26	0.04	18	16	0.05	18	1610
MARCH	20	0.028	0.04	8#	0.06	13	13	0.08	24	1235
APRIL	25	0.031	0.05	12#	0.08	19#	12	0.09	12#	1400
MAY	30	0.044	0.07	23*	0.11	22	14	0.12	22	1420
JUNE	26	0.045	0.07	22	0.17	26	15	0.19	26	1400
JULY	20	0.035	0.06	17	0.13	17	11	0.15	17	1145
AUG.	28	0.035	0.06	21	0.13	21	12	0.14	21	1230
SEPT.	28	0.035	0.07	7	0.18	4	11	0.19	4	1140
OCT.	29	0.031	0.08	15	0.07	31*	13	0.09	15	1400
NOV.	25	0.028	0.07	8#	0.03	27	14	0.10	2	1220
DEC.	9	A	0.05	24	0.00	31	13	0.09	24	1650
YEAR	292	0.030	0.08		0.18			0.19		

A : AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT OR POORLY DISTRI UTED DATA
* : INDICATES SATURDAY
# : INDICATES SUNDAY

SECTION 2

FREQUENCY DISTRIBUTION OF POLLUTANT CONCENTRATIONS

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Table 2-1. 1964 FREQUENCY DISTRIBUTION OF CONCENTRATIONS OF GASEOUS ATMOSPHERIC POLLUTANTS
5-MINUTE DATA VALUES
(CONCENTRATION IN PPM)

	%VALID DATA	MIN.	FREQUENCY DISTRIBUTION-PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
CINCINNATI												
CARBON MONOXIDE	59	0	2	3	5	8	12	14	16	18	49	6.0
NITRIC OXIDE	87	.00	.00	.01	.02	.03	.10	.16	.26	.32	.68	.038
NITROGEN DIOXIDE	86	.00	.01	.02	.03	.03	.06	.07	.08	.10	1.00	.031
SULFUR DIOXIDE	94	.00	.01	.02	.03	.04	.07	.11	.18	.26	.88	.037
HYDROCARBON	92	.0	2.0	2.0	3.0	3.0	4.0	6.0	8.0	9.0	20.0	3.00
TOTAL OXIDANT	75	.00	.01	.01	.02	.03	.06	.08	.10	.12	0.32	.028
CHICAGO												
CARBON MONOXIDE	78	0	4	8	11	15	21	25	29	32	64	12.0
NITRIC OXIDE	82	.00	.02	.05	.08	.12	.19	.24	.29	.34	.97	.099
NITROGEN DIOXIDE	80	.00	.02	.03	.04	.05	.08	.09	.11	.13	.79	.046
SULFUR DIOXIDE	87	.00	.03	.06	.13	.21	.40	.51	.65	.76	1.62	.175
HYDROCARBON	79	.0	2.0	2.0	3.0	3.0	4.0	5.0	6.0	6.0	20.0	3.05
TOTAL OXIDANT	63	.00	.00	.01	.03	.04	.06	.07	.09	.10	.17	.030
PHILADELPHIA												
CARBON MONOXIDE	81	0	2	4	6	8	14	17	21	24	46	7.1
NITRIC OXIDE	82	.00	.00	.01	.02	.05	.10	.15	.24	.34	1.35	.044
NITROGEN DIOXIDE	76	.00	.02	.03	.03	.04	.06	.08	.10	.11	.37	.037
SULFUR DIOXIDE	67	.00	.00	.02	.04	.08	.21	.29	.40	.47	1.00	.080
HYDROCARBON	89	.0	1.0	2.0	2.0	2.0	3.0	4.0	5.0	6.0	17.0	2.21
TOTAL OXIDANT	74	.00	.00	.01	.02	.03	.06	.08	.10	.12	.25	.026
ST. LOUIS												
CARBON MONOXIDE	78	0	2	4	6	7	11	13	16	19	45	6.3
NITRIC OXIDE	70	.00	.00	.01	.02	.04	.08	.11	.16	.19	.84	.035
NITROGEN DIOXIDE	69	.00	.01	.02	.03	.04	.06	.07	.08	.10	.31	.033
OZONE	91	.00	.00	.00	.00	.01	.01	.02	.02	.03	.26	.005
SULFUR DIOXIDE	77	.00	.00	.02	.04	.07	.15	.21	.31	.40	1.16	.063
HYDROCARBON	63	.0	2.0	2.0	3.0	3.0	5.0	6.0	7.0	8.0	20.0	3.06
TOTAL OXIDANT	78	.00	.01	.02	.03	.03	.06	.07	.09	.11	.17*	.030
WASHINGTON, D.C.												
CARBON MONOXIDE	67	0	3	4	5	6	8	10	13	15	37	5.6
NITRIC OXIDE	84	.00	.00	.00	.01	.03	.09	.15	.25	.33	.98	.033
NITROGEN DIOXIDE	83	.00	.02	.03	.03	.04	.06	.07	.08	.10	.24	.036
SULFUR DIOXIDE	75	.00	.01	.02	.03	.05	.10	.14	.20	.26	.87	.047
HYDROCARBON	93	.0	2.0	3.0	3.0	3.0	4.0	5.0	6.0	8.0	17.0	3.05
TOTAL OXIDANT	73	.00	.00	.02	.02	.04	.06	.08	.10	.11	.19*	.029

*POLLUTANT DOES NOT HAVE DATA BEGINNING AT STATED TIME.

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Table 2-2. 1964 FREQUENCY DISTRIBUTION OF SOILING INDEX
2-HOUR MEASUREMENTS
(CONCENTRATION IN COHS/1000 LINEAL FEET)

CITY	VALID DATA*	FREQUENCY DISTRIBUTION-PERCENT										ARITH MEAN
		MIN	10	30	50	70	90	95	98	99	MAX	
CHICAGO	30	.0	.9	1.3	1.8	2.3	3.4	4.0	4.7	5.6	7.2	1.95
CINCINNATI	35	.0	.4	.6	1.0	1.5	2.6	3.1	3.8	4.2	6.5	1.25
PHILADELPHIA	45	.0	.4	.7	1.1	1.6	2.8	3.8	5.1	5.9	8.1	1.42
WASHINGTON, D C	30	.0	.5	.8	1.0	1.5	2.4	3.0	3.7	4.0	4.8	1.27
ST LOUIS	75	.0	.5	.8	1.0	1.4	2.1	2.6	3.2	3.7	6.9	1.19

* REPORTED TO NEAREST FIVE PERCENT

VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

SECTION 3.

POLLUTANT CONCENTRATION DATA TABLES

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GASEOUS POLLUTANT DATA TABLES

GASEOUS POLLUTANTS

The first 72 data tables for each city present hourly average concentrations by month for each of the six gaseous pollutants. Values in these tables are the arithmetic means of the instantaneous values recorded every five minutes in the clock hour indicated. An average is not calculated if the hour is considered an invalid data hour, i.e., if fewer than seven 5-minute values were valid. Similarly, if a calendar day had fewer than 13 valid data hours, it is considered an invalid data day and the entire row of averages for that day is deleted. The reason for this procedure, which results in the loss of a few valid hourly averages, is that the data that are thus lost are usually concentrated at the beginning or end of the day. Since pollutant concentrations show considerable diurnal variation, the inclusion of data for such days would introduce a definite bias into the monthly mean concentrations. There are no January and February data for St. Louis since the CAMP station did not begin operation until the middle of March.

The first summary line at the bottom of the tables (titled MEAN) contains the arithmetic means of the hourly averages, and hence represents the pattern of diurnal variation for the month. Again by the same validity criterion, this average is not calculated unless 16 or more hourly averages are present. The second and third summary lines are the number of and maximum of the hourly averages in the column.

The first summary column at the right of the tables (titled DAILY MEAN) is the arithmetic mean* of the 13 or more hourly averages comprising the row, and the second is the number of such valid hourly averages. The third summary column, however, is not the maximum hourly average for the day, but the maximum 5-minute value included in the hours of valid data during the day.

Four summary figures appear in the lower right corner. The upper left is the monthly average, an arithmetic mean, and appears only if 16 or more days were valid (a valid data month). The center number is the total number of valid hours included in the table, which offers some basis for judging the representativeness of the monthly average. The lower left summary number is the maximum daily average from the column above. The lower right number is the maximum 5-minute value from the column above.

SOILING INDEX

The last 12 tables for each city present soiling index values at the CAMP station by month. There are no January and February data for St. Louis since the CAMP station did not begin operation until March. Each value was obtained from a 2-hour integrated sample beginning at the time indicated in the column heading. A missing value indicated that the sample was not taken or was invalid because of instrument malfunction.

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*The summary calculations are performed before the hourly averages are rounded.

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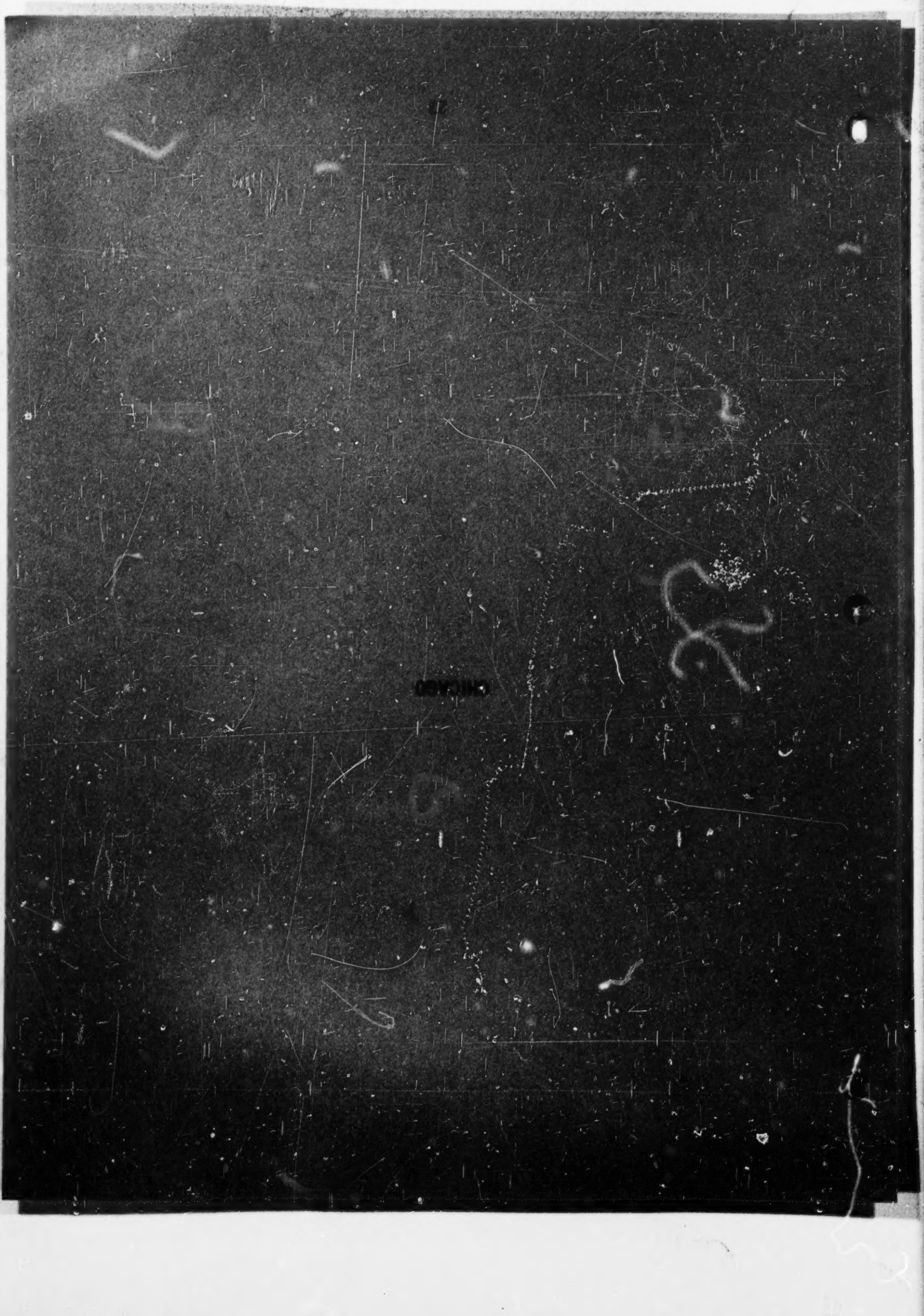
The first summary line (title MONTHLY MEAN) represents the arithmetic mean of the 2-hour average values in the column, and is calculated only if 16 or more days are represented. The first summary column (titled DAILY MEAN) is the arithmetic mean of the 2-hour values for the day; if fewer than seven such values are present, the daily mean is not calculated and the data are not included in the summaries, but the component 2-hour values for the day are not deleted from the table as is done with the data on gaseous pollutants.

The other summary columns and rows are the number of and maximum of the respective 2-hour values. Four summary figures appear in the lower right corner; the mean and maximum value for the month are the upper left and lower right figures respectively, while the center figure is the total number of values. The lower left summary number is the maximum daily average from the column above.


CHICAGO

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CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-1.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.
CARBON MONOXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	8	6	6	7	6	7	8	7	4	2	1	1	1	0	0	1	1	1	0	1	0	0	0	0	2.8	24	18
2	0	0	0	0	0	0	1	5	5	5	5	8	7	7	6	10	11	11	4	3	3	3	3	5	4.1	24	27
3	3	2	3	2	2	2	4	7	8	7	7	7	7	7	7	10	10	11	7	6	5	4	4	5	5.7	24	18
4*	4	4	4	3	3	3	3	4	6	6	9	9	8	7	8	8	9	9	8	8	10	8	8	9	6.6	24	18
5*																											
6																											
7	5	6	4	4	5	5	6	12	11	10	9	9	10	10	11	12	14	16	13	10	10	9	10	9	9.0	24	24
8	8	8	6	6	6	6	9	11	12	10	10	10	10	12	13	12	16	15	12	11	11	10	12	11	10.2	24	29
9	10	8	8	8	9	9	11	10	13	14	12	10	9	10	10	10	11	11	9	9	9	9	9	9	10.2	24	23
10	9	9	8	9	9	9	10	13	14	12	10		5	6	5	8	9	7	9	5	6	5	7	8	8.2	23	19
11*	6	4	3	3	4	4	3	4	5	5	7	9	11	10	8	12	11	9	6	5	4	5	6	8	6.4	24	22
12*	7	5	5	4	5	4	4	5	4	4	4	5	6	6	6	7	7	7	7	5	5	4	6	6	5.3	24	16
13	5	4	3	4	3	3	6	10	12	9	9	10	10	11	6		7	15	11	8	8	8	7	6	8.0	24	28
14	5	4	5	4	5	6	7	10	11	8	6	4	7	7	6	7	7	9	7	5	7	6	6	6	6.4	24	14
15	6	6	7	6	6	7	8	15		10	6	6	6	6	6		10	8	6	6	5	6	5	5	7.0	23	23
16	5	4	3	3	4	4	5	9			16	16	17	16	15	16	16	17	15	14	14	14	13	13	11.4	22	28
17	13	11	11	11	11	11	13	15	16	15	15	14	11	9	10	12	14	12	11	10	10	10	10	11	12.0	24	20
18*	11	10	10	10	10	10	11	13	13	14	14	16	16	14	14	21	19	11	4	4	4	2	2	2	10.6	24	30
19*	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	5	4	3	4	2	3	1	2	2.0	24	10
20																											
21																											
22	15	12	11	11	11	11	12	10	19	15	13	13	13	15	12	16	20	20	19	14	14	15	16	15	14.6	24	24
23																											
24																											
25*	14	14	13	13	14	14	14	14	15			2	2	2	1	2	2	1	1	1	0	0	0	0	6.3	22	16
26*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	3	2	2	1	2	2	2	0.8	24	7
27	1	1	1	1	1	2	4	8	8	3						14	9	9	6	6	7	6	7	6	5.3	16	21
28	6	5	5	7	7	9	11	14	15	14	13	9	7	8		6	8	9	6	7	5	6	4	5	8.0	23	19
29	3	3	2	2	2	2	3	6	7	5	5	3	2	4	4	6	7	8	6	5	4	5	7	7	4.5	24	22
30	5	5	4	3	2	3	7	11		7	5	5	6	9	10	10		16	18	13	8	8	7	9	7.8	22	22
31	3	1	0	0	0	0	2	4	4	3	3	2	2	2	3	6	7	7	5	2	3	3	2	2	2.7	20	17
MEAN	6	5	5	5	5	5	7	9	9	8	8	7	7	7	7	9	10	10	8	7	6	6	6	6	7.0		
NO.	25	25	25	25	25	25	25	25	22	23	23	23	24	24	22	24	24	25	25	25	25	25	25	25		589	
MAX.	15	14	13	13	14	14	14	16	19	15	16	16	17	16	15	21	20	20	19	14	14	15	16	15	14.6		30

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 31 1968

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Table 3-2.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
FEB. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS.	5-MIN MAX.
1*	2	1	1	2	2	1	1	1	1	2	1	2	3	5	5	8	10	10	10	11	9	7	8	9	4.6	24	21
2*	11	7	4	4	2	2	2	2	3	2	2	2	4	5	6	8	10	11	8	7	4	5	5	5	4.9	24	23
3	3	2	1	1	1	1	4	6	6	6	4	5	4	5	5	4	8	8	9	4	4	7	7	4	4.6	24	16
4	3	5	4	3	4	4	5	9			7		4	5	6	3	3	8	9	8	8	8	6	6	5.5	21	22
5	5	4	4	5	6	6	8	8	11	10	9	7	7	12	13	13	11	22	16	13	11	15	15	12	10.1	24	34
6	10	7	6	5	6	7	9	16	22	17	17	16	13	13	17	10	11	7	3	1	3	6	5	5	9.6	24	30
7	4	3	3	3	4	4	5	9	8	6	7	6	6	5	6	6	6	6	4	3	3	4	4	5	5.1	24	14
8*	4	3	2	2	2	2	3	4	5	4	4	5	4												3.4	15	25
9*																											
10																											
11												10	8	10	10	11	13	16	14	13	13	14	13	11	11.9	18	21
12	10	10	10	10	10	11	12	15	15	14	13	14	15	16	15	16	18	18	16	14	13	13	13	13	13.6	24	26
13																											
14																											
15*	5	3	4	3	3	4	6	5	6	7	8	7	13	11	12	11	10	11	9	8	7	6	10	13	7.5	24	21
16*	7	6	2	2	1	1	1	1	2	1	2	3	4	6	7	7	9	10	5	10	5	5	5	5	4.5	24	21
17	4	2	3	2	3	2	4	9	7	6	5	3	5	4	4	6	9	8	4	4	3	3	3	3	4.3	24	18
18	3	2	2	2	3	5	11	18	16		11	8	8	10	10	13	20	16	14	12	13	14	16	11	10.4	24	32
19	10	9	8	7	7	9	10	16	19	14	12	10	11	13	13	16	12	11	8	6	7	6	5	4	10.2	24	29
20	3	2	1	1	1	1	3	8	10	6	7	8	4	7	8	9	12	10	6	6	9	5	4	4	5.4	24	24
21	3	2	2	1	1	1	3	9	4	8	5	6	4	6	6	7	8	10	8	5	6	4	4	4	5.0	24	14
22*	4	3	2	2	1	2	2	3	3	2	1	1	2	2	2	2	2	4	4	3	2	5	2	3	2.3	24	9
23*	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	3	2	6	3	4	1	1.5	24	7
24								8	7	2	2	2	2					8	7	6	6	6	2	5	4.9	15	16
25	4	4	4	3	3	4	5	7	10	7	6	5	3	10	11	9		7							6.0	16	22
26																											
27	4	2	2	2	2	2	6	9	8	4	4	2	4	5	7	7	10	8	8	8	8	6	7	6	5.5	24	15
28	5	4	4	4	4	4	8	15	14	12	10	7	7	10	11	10	14	9	8	7	8	7	4	7	8.2	24	24
29*	8	5	5	4	4	4	5	6	5	6	4	2	2	4	3	4	4	4	5	6	5	4	4	5	4.3	24	12
MEAN	5	4	3	3	3	4	5	8	9	7	6	6	6	7	8	8	10	10	8	7	7	7	7	6	6.4		
NO.	22	22	22	22	22	22	22	23	22	21	23	23	24	23	22	22	22	22	22	22	22	22	22	22		533	
MAX.	11	10	10	10	10	11	12	18	22	17	17	16	15	16	17	16	20	22	16	14	13	15	16	13	13.6		34

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-3.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	5	3	3	3	3	4	4	4	3	3	2	3	4	4	4	4	5	6	7	7	7	7	6	5	4.4	24	10
2	5	4	5	4	6	7	8	13	22	16	11	8	5	7	8	11	14	15	13	9	8	7	7	6	9.1	24	30
3	5	5	5	5	4	6	11	14	22			14	13	15	17	17	20	17	11	5	6	5	8	8	10.7	22	36
4	5	4	4	4	4	5	7	10	10	6	6	12	9	16	18	21	16	16	10	6	8	7	6	5	8.9	24	30
5																											
6																											
7*																											
8*	10	9	7	6	5	6	5	6	6	8	10	11	14	18	20	16	16	16	14	10	7	11	10	8	10.4	24	28
9	6	4	3	3	3	4	7	12	14	12	10	10	9	10											7.6	14	20
10																											
11	7	5	5	4	6	6	8	12	9	14	12	12	12	15	18	18	17	20	14	14	13	13	13	13	11.6	24	26
12	12	11	11	11	11	12	13	15	16	16	13	14			8	11	13	10	15	7	8	7	7	6	11.2	22	21
13	5	5	5	5	5	6	6	8	10	8	6	4	4	5	4	6	8	8	7	5	4	4	4	3	5.5	24	14
14*	3	2	3	3	3	3	4	5	5	7	5	3	3	3	4	4	4	6	6	6	6	6	8	8	4.5	24	11
15*																											
16												3	2	4	5	4	6	6	5	6	6	6	6	6	4.8	13	10
17	5	5	4	4	5	5	7	10	9	6	4	4	4			15	16	20	16	14	14	12	14	12	9.3	22	28
18	11	10	9	9	10	9	12	15	17	15	14	11	10	10	11	13	18	20	17	16	14	12	15	15	13.0	24	28
19	12	10	10	9	9	10	13	17	19	15	10	10	11	15	16	13	18	18	17	18	18	13	13	10	13.5	24	28
20	8	7	7	7	7	7	9	17	19	16	12		13	14	15	16	22	19	13	10	12	10	11	10	12.1	15	30
21*	8	9	7	7	6	6	7	8	10	10	11	10	12	13	12	15	16	13	15	12	14	12	15	10	10.7	24	26
22*	9	8	7	6	5	5	5	6	5	5	5	5	6	8	12	15	12	12	14	14	11	14	13	13	8.9	24	26
23	8	7	7	6	6	8	10	13	13	10	9	8	7	6	7	6	9	9	8	9	11	8	8	7	8.3	24	18
24	6	3	2	6	7	6	8	9	11			7	7	9	8	10	12	17	15	12	11	8	13	9	9.2	22	22
25	8	6	6	6	6	6	10	18	14	11	11	14	11	11	13	19	20	16	12	9	10	9	10	1	10.9	24	28
26																											
27																											
28*																											
29*																											
30																											
31	9	9	8	9	9	9	12	17	18	15	16	14	13	13	15		19	17	14	10	10	11	10	8	12.4	28	29
MEAN	7	6	6	6	6	6	8	11	13	11	9	9	8	10	11	12	14	14	12	10	10	9	10	9	9.5		
NO.	20	20	20	20	20	20	20	20	20	18	18	20	20	19	19	19	20	20	20	20	20	20	20	20		473	
MAX.	12	11	11	11	11	12	13	18	22	16	16	14	14	18	20	21	22	20	17	18	18	15	15	15	13.5		36

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

Table 3-4.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX.
1	9	8	7	8	8	7	9	11	12	10	9	8	2	3	2	3	5	5	2	3	4	4	4	4	6.2	24	16
2	4	3	3	3	4	3	6	14	17	16	15	14	14	17	19	22	25	26	14	11	11	7	6	7	11.6	24	35
3	4	4	3	3	3	3	7	10	8	5	3	6	8	8	8	12	12	12	8	8	8	9	9	9	7.0	24	18
4*	7	5	6	5	6	6	6	9	9	7	8	10	11	10	10	12	14	12	14	17	20	16	12	13	10.1	24	28
5*	12	9	8	8	7	6	6	6	7	8	11	11	13	16	22	25	19	17	15	5	2	3	3	4	10.1	24	28
6	2	1	1	1	2	1	3	5	7	7	7	9	5	12	14	19	16	29	20	10	9	10	10	11	8.8	24	40
7	12	10	10	9	9	9	11	12	14	10	9		8	9	11	11	12	12	13	10	11	10	10	10	10.5	23	24
8	10	10	9	9	4	4	5	9	9	8	8	7	5	6				9	4	4	4	4	4	4	6.4	21	14
9	2	1					3	10	4	3	3	1		3	3	4	6	5	4	6	6	6	8	7	4.4	19	15
10	6	6	6	7	7	8	12	19	19	11	9	8	8	7	11	10	15	19	17	21	19	20	23	20	12.8	24	28
11*	15	17	16	15	15	14	15	16	17	16	14	15	15	12	12	12	13	15	16	19	20	18	17	17	15.4	24	30
12*	16	15	14	15	11	12	14	13	12	13	13	13	12	14	14	15	16	15	14	15	15	12	10	7	13.3	24	26
13	7	6	7	7	7	8	8	9	9	9	9	8	7	7			7	8	8	7	8	8	8	9	7.8	22	13
14	9	8	8	8	8	8	10	11	11	8	8	7	7	7	8	9	10	10	9	9	9	10	10	10	8.7	24	15
15	10	9	9	9	9	10	12	16	13	10	10	10	10	13	14	20	15	13	10	10	11	11	11	11	11.4	24	30
16	11	10	10	10	10	10	12	13	13	10	9	9	10	9	10	10	11	12	12	11	11	11	10	10	10.6	24	21
17	10	9	9	9	9	9	10	11	11	10	10	9	8	8	8	10	12	12	10	10	9	9	10	19	9.9	24	27
18*	14	12	11	11	8	11	10	13	17	18	16	16	15	14	16	19	22	19	18	17	18	17	18	21	15.5	24	30
19*	19	18	14	12	11	11	10	11	12	12	13	15	17	18	20	21	22	27	24	19	17	18	16	17	16.4	24	33
20	14	13	10	10	10	11	16	25	29					15	19	17	18	25	19	16	18	11	8	11	15.7	20	35
21	11	9	8	6	6	8	8	10	12	7	6	4	4	5		10	9	9	7	6	6	5	4	4	7.0	23	18
22	4	4	4	4	4	5	7	10	8	8	8	4	2	4	4	6	11	8	7	11	13	15	12	18	7.6	24	25
23	14	13	11	5	7	10	10	18	18	13	8	8	6	8	8	11	10	17	10	8	10	8	9	8	10.4	24	26
24	4	4	3	2	3	4	7	15	13	7	5	3	4	5	8										5.7	15	24
25*																											
26*																											
27																											
28																											
29	19	18	18	18	20	21	24	26	25	24	24	20	19	19	19	20	20	19	19	19	19	18	18	18	20.0	24	34
30	17	18	18	18	19	21	25	26	26	24	23	23	22	24	24	26	24	24	21	23	21	20	19	20	21.9	25	38
MEAN	10	9	9	9	8	9	10	13	13	11	10	10	10	10	12	14	14	15	13	12	12	11	11	12	11.1		
NO.	26	26	25	25	25	25	26	26	26	25	25	24	24	26	23	23	24	25	25	25	25	25	25	25		599	
MAX.	19	18	18	18	20	21	25	26	29	24	24	23	22	24	24	26	25	29	24	23	21	20	23	21	21.9		40

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

Table 3-5.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	18	18	17	17	18	21	30	27	19	19	20	22	23	25	19	23	31	28	26	28	27	22	22	25	22.8	24	44
2*	18	16	14	13	14	15	17	17	16	16	22	25	22	24	26	26	24	23	19	23	17	21	20	23	19.6	24	36
3*	18	14	12	12	12	13	18	18	19	21	14	15	16	22	27	26	26	26	25	24	20	18	21	17	18.9	24	32
4	17	16	15	16	16	20	21	32	22	21	19	17	17	19	20	21	20	19	19	20	18	16	16	10	18.5	24	43
5	9	8	8	8	8	11	13	14	11	10		9	11	11											10.1	13	24
6																											
7																											
8																											
9*																											
10*																											
11	4	2	2	2	4	13	17	14	8	4	7	8	6	8	13	15	12	12	8	12	8	8	10	7	8.4	24	31
12	4	5	4	3	4	8	17	18	16		18	19	19	21	22	25	23	21	12	13	14	13	12	10	13.9	24	39
13	11	10	10	9	10	16	24	24	21	16	17	17	14	14	24	17	14	11	12	12	14	11	13	14	14.7	24	43
14	11	10	10	9	9	12	19	17	11	9	9	9	8	9	10	10	10	9	8	10	9	9	9	8	10.1	24	26
15																											
16*	7	6	8	8	8	10	10	14	10	9	10	11	14	17	17	16	14	11	15	18	13	15	18	16	12.3	24	27
17*	18	16	17	14	12	10	11	9	9	13	14	15	16	19	19	20	19	14	16	15	13	14	13	9	14.4	24	33
18																											
19										14	16		15	16	21	24	21	18	16	17	16	16	15	14	17.1	14	32
20																											
21	12	13	11	10	11	14	17	15	13	12	12	14	16	14			22	26	25	28	25	20	17	16	16.5	22	44
22	14	13	13	13	14	16	19	18	15	13	11	9		9	10	10	7	4	3	5	4	5	4	2	10.0	23	23
23*	6	6	5	5	6	6	7	7	7	7	6	6	5	5	5	6	6	7	6	8	7	7	7	6	6.2	23	13
24*	7	7	6	7	6	6	8	8	6	5	4	5	6	5	5	6	7	8	7	11	11	9	9	6	6.8	24	22
25	4	4	4	4	5	8	17	15	10	6	6	5	5	5	9	8	15	9	7						7.6	19	20
26																											
27	1	0	2	3	3	5	12	14		18	19	16	14	15			22	18	15	17	15	16	14	12	11.9	21	30
28	11	10	9	9	10	13	23	21	20	17	16	15	16	16	20	20	22	18	18	17	15	15	15	16	15.9	24	35
29	12	12	12	11	11	13	18	18	16	16	22	15	17	25	26	22	27	18	18	28	28	28	28	20	19.3	24	29
30*	17	14	14	14	13	13	13	12	4	5	4	4	6	7	8	8	7	6	8	10	9	10	10	9	9.3	24	22
31*	6	5	3	3	3	3	3	4	3	3	4	3	4	6	5	7	7	5	5	5	5	5	6	4	4.5	24	16
MEAN	11	10	9	9	9	12	16	16	13	12	13	12	13	14	16	17	17	15	14	16	14	14	14	12	13.2		
NO.	21	21	21	21	21	21	21	21	20	21	21	21	21	22	19	18	21	21	21	20	20	20	20	20		494	
MAX.	18	18	17	17	18	21	30	32	22	21	22	25	23	25	27	26	31	28	26	28	28	28	28	25	22.8		44

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-6.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
JUNE 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1						8	15	13	11	9	8	5	7	8	9	12	11	8	6	8	7	5	4	3	8.2	19	34
2	3	4	3	3	6	13	17	16	7	4	6	13	12	12	12				12	14	11	10	9	10	9.4	21	28
3	9	8	8	8	8	10	14	13	10	8	8	10	11	12	14	16	14	9	8	10	10	12	8	7	10.3	24	29
4	5	5	5	6	9	15	22	20	25	20	18	16	18	19	21	22	21	20	18	19	21	19	20	21	16.8	24	35
5	19	12	12	12	11	16	21	21	21	19	19		25			12	15	10	10	12	10	11	12	10	14.6	21	32
6*	8	7	7	7	7	7	7	9	7	8	11	9	9	13	16	14	18	18	18	14	16	16	22	22	12.0	24	34
7*	16	12	10	7	6	7	7	6	9	10	11	11	11	9	11	13	14	15	15	15	15	18	14	11	11.1	24	29
8	8	6	7	6	7	12	21	24	13	11	12	11	14	13	17	22	15	11	11	11	12	11	8	8	12.1	24	36
9	7	6	6	6	7	9	11	12	10						10	6	5	5	5	6	4	5	5	5	6.9	19	15
10	4	4	4	4	6	9	15	16	13	12	13	11	11	11											9.4	14	29
11						9						9	8	8	10	10	15	12	12	13	11	11	8	5	11.0	13	33
12	3	2	1	2	3	6	9	13	11	8	8	6	7	6	7	13	14	10	6	17	13	12	10	9	8.1	24	32
13*	5	5	5	4	5	6	8	9	8	8	6	8	7	10		23	24	22	24	19	16	14	14	27	12.0	23	37
14*	22	14	10	8	8	8	8	8	9	11	9	10	10	18	22	23	21	14	15	19	19	16	12	9	13.4	24	36
15	7	6	5	5	6	11	18	23	15	13	16	18	19	20	20	18	19	11	9	8	7	7	5	5	12.2	24	37
16	3	2	2	2	3	7	18	17	15	13	13	11	13	15	16	16	16	13	15	13	16	19	18	15	12.1	24	31
17	12	9	9	9	10	15	16	16	13	12	14	14	12	14	18	15	19	16	17	18	20	17	13	12	14.1	24	29
18	10	10	9	9	11	13	17	16	14			12	14	13	15	16	16	14	13	15	15	12	11	11	13.0	22	28
19	11	11	11	11	12	13	13	15	12	6	6	5	6	5	6	5	6	8	7	9	12	5	5	3	8.5	24	23
20*	2	2	2	2	2	3	4	4	5	5	4	8	9	13	11	10	14	9	13	17	12	12	15	9	7.8	24	28
21*	11	16	12	6	4	4	6	6	5	6	6	5	8	16	13	10	15	12	16	14	17	16	13	11	10.6	24	32
22	6	5	6	5	5	15	22	24	17	14	12	15	13	10	15	18	22	10	11	13	14	11	9	6	12.3	24	38
23	5	4	4	4	6	7	7	8	7	6	6	5	4	5	7	8	8	6	6	6	7	8	7	6	6.0	24	15
24	5	4	4	4	5	7	12	15	11	10	12	11	11	14	18	13	12	8	9	11	13	10	12	14	10.2	24	27
25																											
26																											
27*	12	10	10	9	9	11	15	15		15	16	16	17	16	16	16		16	17	21	23	23	26	27	16.0	22	38
28*	26	23	20	21	15	14	12	12	12	17	17	19			19	21	22	24	23	20	19	23	18	20	19.0	22	31
29	15	14	13	13	13	14			15	14	13	13	12	13	13	16	14	13	13	13	16	16	15	15	13.9	22	28
30	13	11	11	12	15	15	18	21	19	17	17	20	18	20	18	15	15	13	12	13	16	13	15	14	15.4	24	29
MEAN	9	8	7	7	8	10	13	14	12	11	11	11	12	13	14	15	15	13	13	14	14	13	12	12	11.7		
NO.	26	26	26	26	26	27	26	26	26	25	25	26	26	25	25	26	25	26	27	27	27	27	27	27		626	
MAX.	26	23	20	21	15	16	22	24	25	20	19	20	25	20	22	23	24	24	24	21	29	23	26	27	19.0		38

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 21, 1968

Table 3-7.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	14	13	13	12	12	13	16	20	17	15	15	15	15	16	16	17	16	14	13	15	15	17	16	15	14.9	24	32
2	14	14	13	14	14	17	17	17	17	19	18	20	20	20											16.7	14	31
3										15	14	17	21	17	19	16	16	13	12	15	17	16	14	16	15.7	15	28
4*	12	11	9	9	7	10	9	8	8	7	22	20	20	20	19	22	24	23	22	24	24	28	31	25	17.1	24	40
5*	23	22	20	19	19	18	17	17	17	18	16	15	16	16	20	19	18	21	28	26	29	28	22	17	19.9	24	38
6	17	17	16	16	15	16	19	20	18	16	15	15	19	17	14	13	15	12	12	13	12	12	11	10	14.9	24	26
7	10		9	9	9	10	13	19	15	13	14	12	19	23	25	20	18	13	13	16	14	24	15	12	14.8	23	39
8	11	10	9	8	8	14	21	22	17	12	13	10	10	12	16									9	12.6	16	33
9	4	2	2	2	4	10	16	17	15	11	12	5	8	8	11	11	14	8	5	6	5	2	6	6	7.9	24	28
10	2	3	4	2	4	9	17	14	9	7	10	6	7	7	10	13	14	9	13	13	12	19	14	11	9.4	24	30
11*	14	12	10	9	10	15	14	14	21	24			23	24	25	22	22	22	20	24	32	27	24	23	19.6	22	44
12*	20	17	16	16	16	17	18	17	17	18	18	19	21	21	22	23	22	22	22	24	24	22	21	21	19.7	24	32
13	20	18	18	19	19	23	28	29	22	20		17	15	18	19	18	21	18	18	19	19	19	17	18	19.6	23	37
14	19	18	18	18	19	20	24	27	24	18	17	15	15	14	17	20	19	16	20	18	21	24	24	24	19.5	24	39
15	20	21	20	18	17	21	23	21	14	19	15	16	25	22	27	32	31	15	15	18	18	20	16	15	19.8	24	48
16	14	13	14	15	16	19	19	21	18	18	17	15	13	12	10	10	10	10	10	12	15	16	16	13	14.5	24	24
17	12	11	12	12	12	15	19	22	18	16	11	9	10	10	14	13	14	12	13	17	17	23	22	13	14.5	24	38
18*	14	13	12	12	12	13	14	21	17	13	17	16	13	15	12	12	11	11	17	16	17	19	18	18	14.6	24	27
19*	15	12	10	10	11	12	11	11	12	11	10	12	10	12	12	12	12	14	12	12	13	13	13	13	11.9	24	23
20	11	12	10	12	12	15	17	17	12	13	13	11	11	13	15		15	15	21	19	22	18	13	9	14.1	23	32
21	10	10	10	10	11	15	21	17	15	13	15	16	20	21	22	20	25	21	24	26	26	25	22	17	18.4	24	60
22	14	13	13	13	13	20	26	29	20	22	22	17	17	20	27	27	35	25	27	26	32	29	23	20	22.1	24	49
23	16	15	14	13	13	17	22	20	19		17	18	16	19	25	22	24	19	28	24	21	26	17	18	19.3	23	41
24	14	14	14	13	14	22	26	28	20	19	16			26	23	22	18	18	17	21	20	19	21	20	19.4	22	46
25*	14	12	10	12	13	13	13	19	19	20	19	18	18	15	19	15	20	17	22	25	23	25	23	24	17.6	24	38
26*	23	21	17	16	15	15	17	17	15	14	14	16	16	19	18	18	19	17	20	23	23	19	22	23	18.9	24	36
27	20	16	14	16	15	18	21	19	17	14	15	14	15	13	14	17	15	13	12	15	19	17	15	14	15.7	24	29
28	12	12	11	11	12	18	28	23	16	15	14	15		11	15	13	15	14	12	12	15	13	15	14	14.6	23	36
29	13	12	13	13	13	17	26	26	23		19	19	18	18	20	23	25	17	16	18	18	20	16	14	18.0	23	37
30	14	12	13	11	12	16	23	29	17	17	16	16	19	19	23	26	24	19	19	24	21	20	17	17	18.2	24	43
31	14	13	13	13	14	15	21	20	19	18	19	22	21	19	20	21	24	18	20	17	20	18	18	15	17.9	29	34
MEAN	14	13	12	12	13	16	19	20	17	16	16	15	16	17	18	18	19	16	17	18	19	20	18	16	16.5		
NO.	30	29	30	30	30	30	30	30	30	29	29	29	29	31	30	28	29	29	29	29	29	29	29	30		707	
MAX.	23	22	20	19	19	23	28	29	24	24	22	22	25	31	27	32	35	27	28	26	32	29	31	25	22.1		60

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-8.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
AUG. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX.
1*	15	16	16	15	14	14	16	16	17	15	14	13	13	14	15	18	15	15	18	20	21	18	19	18	16.1	24	31
2*	16	15	15	14	15	15	15	15	16	16	14	14	15	14	14	15	15	15	15	17	18	19	16	15	15.3	24	23
3	14	14	13	14	14	17	21	23	24	22	24	23	23	25	28	27	26	31	25	29	28	26	22	19	22.1	24	42
4	17	15	15	15	15	20	31	26	21	22	20	23		24	26	28	31	21	20	18	21	22	22	19	21.3	23	90
5	16	14	14	13	14	18	24	25	19	22	20	19	19	20	22	23	26	18	18	20	19	20	17	18	19.3	24	90
6	15	14	13	11	12	18	17	20	19	16	16	16	14	17	19	24	24	20	23	19	22	24	19	17	17.7	24	41
7	17	16	14	14	15	18	21	20	19	17	16	14	15	16	15	19	17	17	24	26	21	21	22	25	18.2	24	40
8*	18	15	13	13	14	16	17	17	16	17	16	15	15	15	18	16	17	15	15	16	17	18	18	16	15.9	24	37
9*	14	12	9	10	10	10	11	11	11	10	8	8	10	14	16	14	17	15	17	14	13	13	12	14	12.2	24	30
10	11	11	11	10	11	14	17	18			17	12	12	12	11	14	16	12	15	16	13	12	11	10	12.9	22	24
11	*	9	9	9	9	13	18	18	17			13	13	13	13	14	14	12	11	10	10	10	8	8	11.9	22	30
12	7	6	5	5	5	7	19	15	12	10	11	6	9	8	11	15	11	7	5	3	6	5	3	5	7.9	24	36
13	1	1	1	2	2	3	8	6	4	3	3	5	4	7	15	20	20	19	19	19	18	14	13	16	9.1	24	31
14	17	17	16	15	13	14	19	20	16	16	16	18	14		23	28	32	27	30	30	29	24	23	18	20.6	23	46
15*	24	22	21	22	17	19	17	17	13		14	15	17	17	17	22	23	29	26	30	29	27	32	28	21.4	24	44
16*	13	17	16	13	11	12	11	11	11	10	11	13	13	15	17	17	12	11	14	15	19	19	17	16	14.1	24	31
17	13	14	12	12	12	13	18	19	16			19	16	17	18	19	26	28	22	25	22	23	25	25	18.9	22	38
18	19	18	18	19	20	27	35	33	31		23	25		32	34	20	19	14	15	13	15	19	15	14	21.4	22	49
19	12	9	9	10	10	12	22	16	13	14	20				23	25	21	18	16	18	17	19	16	14	15.7	21	38
20	12	11	10	9	10	13	18	19	24	21	20	21	21	15	18	18	20	16	17	18	20	17	13	13	16.4	24	37
21	12	11	11	12	12	15	18	19	14	13	12	16	13	13	14	12	12	12	11	12	12	16	17	14	13.5	24	26
22*	15	14	12	12	13	13	13	15	14	13			15	15	14	16	15	12	12	13	13	13	13	12	13.5	22	25
23*	11	11	10	11	11	12	19	14	12	12	12	12	11	11	14	13	12	11	13	14	12	14	14	15	12.2	24	22
24	11	11	10	10	10	18	25	19	14	12	11	12	11	11			20	18	19	21	20	16	17	16	15.1	22	36
25	17	17	17	18	19	23	28	28	24		21	21	20	19	18	20	21	19	21	24	23	24	24	22	21.1	23	38
26	20	19	19	19	19	26	36	25	22	18	17	19	16	17	21	22	18	17	17	18	19	15	17	19.6	24	52
27	16	16	13	15	15	22	22	24	18	15	15	13	14	10	12	15	13	11	9	10	13	8	8	14.0	24	39
28	7	6	7	5	5	7	10	11	8	10	10	7	5	6	10	12	9	6	10	6	12	14	8	8.1	24	27
29*	8	9	2	4	5	10	13	12	11	7	8	15	21	27	32	32	26	16	12	8	6	7	6	6	12.6	24	39
30*	6	4	3	3	2	4	6	5	2	2	2	7	12	18	23	20	8	5	4	3	4	3	4	2	6.2	24	25
31																											
MEAN	13	13	12	12	12	15	19	18	16	14	14	15	14	16	18	19	18	16	16	17	17	16	16	15	15.4	701	
NO.	30	30	30	30	30	30	30	30	29	24	27	28	27	28	29	29	30	30	30	30	30	30	30	30	22.1		92
MAX.	24	22	21	22	20	27	36	33	31	22	23	25	23	32	34	32	32	31	30	30	29	27	32	28			

TABULATED MON., DEC. 2, 1968

* Indicates Saturday or Sunday
Local standard time used

Table 3-9.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1 2 3 4 5*																											
6* 7 8 9 10																											
11 12* 13* 14 15																											
16 17 18 19* 20*																											
21 22 23 24 25	11	11	10	10	12	16	21	24	19			23	24	23	21	25	28	26	21	22	22	20	20	20	19.4	24	33
26* 27* 28 29 30	19 20 21 22 32	18 18 20 20 34	18 18 19 20 36	18 18 20 22 33	17 19 21 25 35	18 19 22 33 33	19 19 25 35 38	19 19 29 31 37	20 18 22 30 26	21 18 21 24	22 18 25 17	22 19 20 24 18	21 18 21 24 16	21 19 24 27 18	22 20 25 30 21	23 21 26 29 23	22 23 28 33 26	23 23 26 28 24	23 26 24 27 22	23 26 27 27 22	21 24 26 25 21	20 24 24 26 18	20 22 23 30 17	20 22 21 32 15	20.3 20.4 23.0 27.0 25.2	24 25 25 24 25	26 33 34 45 49
MEAN NO. MAX.	6 32	6 34	6 36	6 33	6 35	6 33	6 38	6 37	6 30	4 24	4 25	6 24	6 24	6 27	6 30	6 29	6 33	6 28	6 27	6 27	6 26	6 26	6 30	6 32	27.0	140	49

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 21 1968

Table 3-10.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

CARBON MONOXIDE
OCT. 1964

CONCENTRATION IN PPM
INFRARED ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	14	14	15	16	14	17	20	19	18	15	15	15	15	16	18	20	22	21	18	19	16	16	16	16	16.9	24	35
2	15	16	16	16	17	18	23	21	20	17			10	9	10	8	9	7	7	7	7	11	7	6	12.5	22	29
3*	5	6	5	5	5	8	9	6	6	5	5	4	5	5	6	7	7	8	9	9	9	10	11	8	6.9	24	13
4*	6	5	7	7	7	7	8	7	8	8	7	8	10	11	12	10	10	10	12	9	15	15	10	8	8.9	24	23
5	7	6	6	8	8	12	19	18	13	13	13	10	10	10	13	13	13	10	9	10	11	9	9	10	10.7	24	27
6	9	10	9	10	11	12	18	14	13	13	14	11					24	16	14	15	13	13	10	10	13.1	20	29
7	11	11	11	10	9	12	15	14	13	12	12	9	9	10	11	13	16	12	11	9	8	8	8	8	10.9	24	25
8	9	9	8	9	9	12	14	13	11	10	9	9	11	11	16	15	17	16	14	14	14	15	15	13	12.1	24	22
9	11	9	7	8	7	11	16	19	17		16	16	17	14	20	25	24	19	17	17	16	14	13	13	14.9	23	37
10*	11	10	10	11	11	12	15	16	16	15	14	13	12	13	18	13	14	12	14	16	14	15	13	14	13.2	24	25
11*	17	16	14	14	13	12	14	13	11	11	10	8	6	8	13	14	20	13	13	15	14	14	13	14	12.8	24	33
12	15	13	12	12	11	13	16	16	15	12	13	19	13	14	20	15	20	18	16	18	19	17	17	21	15.6	24	30
13	21	18	14	12	12	16	20	21	23	18	15	15	14	16		21	25	21	20	22	21	11	13	17	17.7	23	33
14	12	11	13	20	23	27	34	40	23	42	18		14	15	16	24	24	25	19	18	15	10	12	20	19.4	24	51
15	20	15	11	11	15	23	37	33	30								26	25	19	17	17	16	18	28	21.0	17	49
16	29	25	23	24	20	28	40	38	35	33	31	22	16	18	21	18	22	22	21	27	17	20	22	19	25.0	24	64
17*	15	13	7	6	4	3	5	6	3	2	1	2	3	4	4	4	5	14	11	10	6	12	15	7	6.7	24	27
18*	6	2	2	1	1	2	2	2	2	3	2	6	3	5	8	11	10	17	10	3	1	4	1	1	4.4	24	24
19	1	1	1	1	1	2	4	7	5	1	2	2	1	5	4	6	4	1	1	2	2	1	2	1	2.4	24	14
20	1	1	1	1	1	1	12	11	3	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2.0	24	27
21	1	1	1	1	1	1	4	6	2	2	4	13	15	16	19	22	23	21	16	15	15	14	15	12	10.0	24	33
22	10	9	8	9	9	14	22	24	19	15	13	13	12	15	19	23	22	19	16	16	14	15	14	9	14.9	24	37
23	9	9	7	7	7	11	20	18	14	14	11	10	10	7	7	9	10	9	10	8	9	10	14	13	10.5	24	34
24*	10	7	6	4	4	6	7	7	6	5	4	4	6	7	7	6	6	7	10	8	7	7	8	7	6.5	24	17
25*	7	5	5	4	4	4	4	5	5	4	4	4	6	8	9	8	8	9	9	8	7	7	6	5	6.1	24	18
26	4	3	3	3	4	5	8	14	15	11	10	7	7	6	8	8	14	23	20	18	17	13	15	11	10.2	24	36
27	8	6	7	7	8	9	11	20	22	18	17					18	20	19	22	16	16	14	14	16	14.4	20	31
28	13	10	11	13	13	13	15	20	19	15	16	6	7	12	11	8	12	16	15	17	11	10	9	8	12.5	24	30
29	6	5	4	4	4	5	9	15	14	10	7	9	9	8	8	13	17	17	13	10	10	9	7	6	9.0	24	38
30	8	6	12	10	11	10	15	19	16	10	6	5	6	8	13	18	16	24	22	20	18	18	17	16	13.5	24	34
31*	15	12	11	14	16	11	11	14	17	11		11	13	11	15	22	23	24	18	19	14	11	11	11	14.6	23	33
MEAN	11	9	9	9	9	11	15	16	14	11	10	9	9	10	12	14	16	15	14	13	12	12	11	11	11.8		
NO.	31	31	31	31	31	31	31	31	31	29	28	28	28	28	27	29	31	31	31	31	31	31	31	31		724	
MAX.	29	25	23	24	23	28	46	40	35	33	31	22	17	18	21	25	26	25	22	27	21	26	22	28	25.0		64

TABULATED MON., DEC. 2, 1968

* Indicates Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-11.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	10	9	7	7	9	8	7	9	2	5	10	12	8	10	6	5	11	11	13	13	7	6	5	5	8.1	24	24
2	3	1	1	1	1	2	5	9	10	4				17	24	25	33	37	30	25	30	22	18	17	14.9	21	49
3	15	15	14	13	13	15	16	22	21	19	18	18	18	18	15	19	29	38	30	25	23	19	16	15	19.3	24	42
4	15	13	13	14	13	14	20	20	23	19	12	10	9	10	11	12	15	19	18	20	13	13	14	14	14.8	24	30
5	11	9	8	8	7	8	12	19	21	17	11	10	8	12	16	18	18	15	14	14	13	14	16	17	13.1	24	36
6	14	12	13	12	12	13	20	28	17	14	12	10	10	12	14	16	19	17	17	16	16	14	13	15	14.9	24	42
7*	14	15	14	12	10	12	11	15	14	13	12	13	12	11	13	16	17	16	15	21	21	17	16	16	14.4	24	29
8*	15	12	10	10	8	8	9	11	12	11	12	11	11	17	20	21	24	22	16	23	14	12	12	12	13.8	24	34
9	8	7	7	6	7	9	11	17	14	11	10	8	7	9	9				14	9	9	10	11	11	9.7	21	22
10	12	11	9	9	10	10	16	24	22	15	16	16	14	18	20			33	26	14	13	14	10	8	15.5	22	40
11	8	7	8	7	8	8	9	14	11	10	9	6	5	6	7	9	14	15	10	6	5	5	5	5	8.1	24	21
12	4	4	3	4	3	4	5	8	12	9	3	2	1	3	4	5	7	8	6	6	6	6	5	4	5.1	24	16
13	5	4	4	3	4	5	7	15	14	10	6	6	4	6	8	8	13	29	24	22	17	14	14	13	10.6	24	35
14*	10	9	8	6	6	6	7	8	9	10	11	8	6	9	10	10	14	12	13	13	16	12	11	10	9.6	24	28
15*	6	5	5	4	5	6	6	6	8	8	10	8	13	13	14	16	22	19	13	12	13	14	13	14	10.7	24	28
16	12	11	10	8	8	9	12	19	15	19			16	19	17	17	31	32	25	20	19	17	15	13	16.5	24	53
17	12	11	10	10	10	11	13	20	19	14	13	12	12	13	13	15	15	18	15	15	15	17	17	16	14.0	24	29
18	12	11	11	10	8	9	12	19	22	17	13	10	9	11	12	13	21	25	20	17	16	15	15	13	14.2	24	42
19	12	10	9	9	10	10	13	22	20	20			17	20	20	21	22	21	18	13	11	12	14	13	15.2	22	34
20	13	14			12	14	17	24	21	16	13	12	12	10	11	14	17	17	13	13	15	18	18	17	14.9	22	25
21*	20	21	24	23	24	26	25	28	26	22	16	18	14	8	6	9	7	4	6	5					16.6	20	30
22*																											
23												10	6	8	9	11	17	17	13	8	8	8	8	7	10.0	13	27
24	6	7	7	6	6	6	9	13	13	12	12	13	12	13		18	22	28	21	14	14	14	14	15	12.9	23	38
25	15	12	10	9	8	11	20	31	33						15	19	30	37	35	32	23	21	20	19	21.1	19	53
26	17	16	15	15	15	16	16	18	18	17	18	18	19	18	21	25	26	26	27	27		24	27	23	20.1	23	42
27	17	15	14	13	13	13	15	18	20	18	17	19	21	25	21	26	30	31	24	19	24	18	16	19	19.3	24	41
28*	17	15	14	14	14	14	13	15	14	14	14	14	14	14	14	15	14	13	13	14	15	13	13	13	14.1	24	21
29*	12	12	11	11	11	11	11	11	12	11	11	11	14	13	18	19	18	23	22	20	15	14	14	12	13.9	24	37
30	11	11	10	10	10	11	13	19	19	19	13			4	5	11	11	10	8	7	8	6	5	4	10.2	22	34
MEAN	12	11	10	9	9	10	13	17	16	14	12	11	11	12	13	15	19	21	18	16	15	14	13	13	13.6		
NO.	28	28	27	27	28	28	28	28	28	27	24	24	26	28	28	27	27	28	29	29	27	28	28	28		658	
MAX.	20	21	24	23	24	26	25	31	33	22	18	19	21	25	24	26	33	38	35	32	30	24	27	23	21.1		53

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-12.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
DEC. 1964

DAY OF MONTH	A M												P M												DAILY MEAN	NO. OF HRS	5-MIN MAX.
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1		3	3	3	3	3	5	9	9	9	7	6	7	8	7	10	11	12	9	6	5	4	4	5	6.4	24	19
2		3	2	2	2	4	8	9	9	9	7	7	7	10	10	16	21	11	10	11	12	10	9	6	8.2	24	49
3		4	3	3	3	3	8	14	13	14	11	11	10	8	10	17	20	20	13	10	9	7	7	5	9.4	24	31
4		3	2	2	3	4	6	7	9	10				11	13	15	13	12	11	11	11	12	12	15	8.9	21	24
5*	1	9	9	8	7	9	10	11	13	15	14	15	18	20	15	16	18	15	16	13	16	14	13	15	13.3	24	38
6*	13	12	9	8	6	6	7	8	8	7	5	7	5	6	8	9	9	9	8	7	8	7	6	5	7.7	24	17
7		5	5	5	5	4	6	8	9	8	8	7	6	8	8	10	12	11	10	8	8	7	7	6	7.3	24	19
8		4	4	3	3	4	8	10	16	14	15	20	18	15	18		29	27	21	12	14	15	14	10	13.0	23	47
9	13	14	9	7	5	7	10	17	19	15	13	13	11	10	11	11	15	13	10	6	7	7	7	6	10.5	24	23
10		4	4	4	4	5	9	13	18	13	13	13	11	16	16	17	17	16	15	12	11	10	9	8	10.9	24	34
11		6	6	5	11	13	18	20	22	21	18	17	14	14	12	12	15	16	14	13	13	13	14	15	13.9	24	24
12*	1	13	12	12	11	11	12	14	16	19	18	18	17	16	18	19	17	18	17	26	23	22	15	17	16.4	24	39
13*	12	11	10	8	8	9	10	11	11	10	9	9	8	8	10	12	15	14	16	15	15	13	13	13	11.2	24	21
14	12	11	10	10	10	10	11	16	17	14	9	6						14	12	10	11	12	11	12	11.5	19	20
15	1	9	9	9	9	10	13	16	20	17	23	25	24	11	14	8	9								13.9	17	33
16												13	11	15	16	21	20	24	22	24	24	22	20	23	19.6	13	32
17	23	22	24	24	26	28	29	34	35	33	30	28	28	20	13	14	14	14	9	8	9	10	9	9	20.6	24	37
18		8	8	8	8	9	11	13	16	13	13	11	9	9	11	12	15	15	13	13	15	12	10	11	11.3	24	28
19*	9	10	11	10	10	10	11	14	13	15	15	17	18	13	13	14	13	13	15	12		10	8	10	12.2	23	29
20*	11	10	7	7	6	6	6	6	6	7	7	7	6	7	7	9	11	18	18	17	18	14	11	12	9.6	24	27
21	7	8	6	5	6	6	9	10	17	12	8	7	7	7	8	8	8	9	7	6	6	5	5	4	7.7	24	24
22	6	4	2	2	2	3	7	10	9	7			17	16	15	18	15	14	12	13	13	12	12	11	9.9	22	28
23	11	10	9	11	12	14	17	22	22	20	18	17	15	17	18	19	21	19	12	9	8	10	9	8	14.5	24	32
24	7	7	6	8		9						23	24	19	17	20	14	11	8	3	4	4	3		10.9	17	46
25																											
26*																											
27*																											
28																											
29																											
30																											
31																											
MEAN	9	8	7	7	7	8	10	13	15	14	13	13	13	12	12	14	15	15	13	11	12	11	10	10	11.4		
NO.	23	23	23	23	22	23	24	24	22	22	20	22	22	23	23	22	23	23	23	23	22	23	23	22		539	
MAX.	23	22	24	24	26	28	29	34	35	33	30	28	28	20	18	21	29	27	22	26	24	22	20	23	20.6		49

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 21, 1968

Table 3-13.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	.23	.24	.25	.27	.27	.27	.34	.35	.23	.16	.15	.14	.09	.10			.11	.10	.10	.10	.09	.12	.15	.12	.179	24	.38
2	.07	.06	.04	.05	.05	.08	.11	.16	.20	.21		.13	.16	.14		.10	.17	.16	.13	.15	.15	.10	.08	.06	.115	22	.27
3	.05	.04	.04	.06	.06	.06	.10	.14	.18	.15	.12	.10	.07	.07			.08	.13	.11	.05	.06	.03	.03	.03	.079	22	.20
4*	.03	.02	.03	.01	.03	.03	.03	.07	.15	.12	.13	.13	.10	.10			.16	.19	.19	.16	.18	.18	.15	.18	.106	22	.21
5*	.15	.17	.14	.11	.09	.11	.10	.10	.12	.10	.07	.06	.06	.06		.08	.11	.10	.09	.09	.09	.11	.12	.09	.099	23	.19
6	.07	.05	.04	.05	.06	.07	.09	.14	.16	.14	.12	.10	.09	.10		.09	.11	.12	.12	.11	.13	.11	.10	.10	.098	23	.17
7	.13										.02	.08	.08	.10		.08	.13	.18	.15	.13	.12	.10	.10	.08	.106	14	.21
8	.08	.06	.07	.05	.08	.07	.07	.12	.16	.11	.10	.10	.10	.11		.09	.13	.16	.11	.10	.12	.12	.15	.13	.102	23	.21
9	.11	.08	.05	.05	.07	.09	.14	.20	.21	.21	.15	.11	.09	.08		.08	.11	.10	.08	.05	.06	.06	.06	.05	.099	23	.25
10	.06	.05	.05	.04	.05	.05	.09	.16	.20	.16	.12	.12	.12	.12			.14	.14	.15	.12	.14	.13	.20	.20	.119	22	.25
11*	.15	.13	.12	.08	.08	.07	.06	.06	.08	.08	.10	.14	.17	.15		.14	.19	.17	.14	.10	.09	.08	.08	.11	.111	23	.23
12*	.12	.09	.06	.03	.02	.02	.02	.03	.03	.03	.05	.05	.06	.08		.07	.10	.09	.09	.07	.06	.06	.06	.07	.058	23	.14
13	.05	.03	.02	.02	.02	.03	.06	.16	.20	.19	.17	.18	.24	.23			.26	.30	.28	.22	.22	.21	.17	.11	.152	22	.32
14	.10	.08	.10	.10	.10	.15	.16	.23	.26	.25	.18	.14	.11	.10		.09	.12	.16	.14	.10	.12	.14	.11	.11	.136	23	.28
15	.10	.11	.11	.10	.12	.15	.18	.28	.30	.30	.14	.15	.17	.14				.18	.11	.08	.07	.07	.11	.10	.145	21	.36
16	.09	.06	.04	.04	.06	.05	.08	.16	.23	.25	.17	.15	.16	.13		.08	.14	.13	.12	.11	.14	.14	.12	.14	.121	23	.29
17	.10	.07	.05	.03	.03	.04	.06	.08	.12	.12	.11	.10	.08	.07		.06	.10	.11	.15	.13	.10	.08	.09	.11	.086	23	.16
18*	.13	.09	.09	.08	.05	.06	.09	.13	.14	.18	.13	.13	.14	.08		.09	.16	.11	.13	.09	.10	.06	.06	.07	.102	23	.20
19*	.07	.04	.05	.05	.05	.04	.04	.05	.06	.05	.05	.05	.08	.09		.09	.12	.14	.12	.14	.12	.11	.08	.09	.078	23	.17
20	.16	.11	.07	.05	.04	.05	.08	.14	.19	.15	.12	.12	.10	.09		.06	.11	.12	.15	.16	.15	.12	.11	.11	.111	23	.20
21	.09	.06	.05	.04	.05	.05	.09	.15	.19	.12	.10	.08	.09	.10			.18	.21	.22	.15	.25	.25	.14	.17	.129	24	.33
22	.15	.08	.04	.03	.03	.05	.08	.15	.18	.14	.12	.12	.09	.05		.03	.07	.10	.10	.07	.07	.09	.08	.08	.087	23	.19
23	.07	.05	.05	.06	.05	.07	.10	.20	.25	.20	.15	.14	.15	.15		.09	.15	.18	.19	.20	.22	.19	.20	.10	.139	23	.27
24	.07	.05	.03	.04	.05	.06	.12	.19	.15	.12	.09	.05	.05	.06		.07	.12	.16	.12	.08	.07	.08	.06	.07	.082	23	.18
25*	.05	.04	.03	.03	.04	.05	.05	.06	.08	.08	.08	.07	.08	.09				.05	.05	.05	.05	.05	.04	.05	.055	21	.10
26*	.05	.04	.02	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03	.04		.05	.07	.08	.11	.09	.08	.08	.08	.08	.048	23	.13
27	.05	.02	.02	.03	.03	.05	.09	.15	.19	.14	.09	.06	.05	.06		.11	.15	.16	.17	.16	.14	.14	.13	.12	.101	23	.21
28	.08	.04	.03	.04	.04	.06	.10	.17	.23	.24	.23	.19		.09		.14	.15	.16	.13	.12	.13	.08	.09	.11	.119	22	.27
29	.07	.07	.05	.05	.05	.05	.09	.14	.15	.13	.11	.11	.11	.08			.15	.18	.19	.17	.12	.13	.14	.18	.114	22	.21
30	.20	.15	.09	.07	.05	.04	.08	.18	.19	.13	.07	.07	.08	.11				.24	.96	.29	.25	.21	.17	.24	.155	21	.39
31	.17	.08	.06	.05	.05	.06	.08	.14	.17	.12	.10	.09	.10	.10		.11	.15	.16	.14	.11	.12	.15	.16	.16	.113	23	.26
MEAN	.10	.07	.05	.06	.06	.07	.09	.14	.17	.15	.11	.11	.10	.10		.08	.13	.15	.14	.12	.12	.11	.11	.11	.108		
NO.	31	30	30	30	30	30	30	30	30	30	30	31	30	31		21	28	31	31	31	31	31	31	31		689	
MAX.	.23	.24	.25	.27	.27	.27	.34	.35	.30	.30	.23	.19	.24	.23		.14	.26	.30	.36	.29	.25	.25	.20	.24	.179		.39

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-14.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
FEB. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.16	.11	.08	.08	.07	.07	.08	.11	.13	.13	.12	.12	.14			.09	.17	.19	.21	.19	.17	.18	.17	.21	.133	24	.25
2*	.22	.20	.14	.10	.08	.08	.06	.04	.05	.07	.06	.06	.09	.11		.13	.19	.24	.18	.16	.13	.13	.12	.11	.118	23	.29
3	.08	.04	.02	.01	.01	.01	.04	.11	.17	.11	.10	.08	.03	.06			.13	.19	.16	.10	.08	.18	.26	.26	.101	22	.32
4	.22	.14	.10	.10	.16	.17	.16	.18	.23	.23	.18						.13	.11	.10	.10	.11	.12	.12	.11	.144	19	.26
5	.09	.05	.03	.03	.04	.05	.09	.14	.16	.17	.13	.13	.13	.12			.16	.21	.20	.18	.16	.20	.21	.17	.128	22	.23
6	.15	.07	.04	.03	.03	.04	.07	.14	.20	.21	.14	.16	.13	.11		.10	.13	.13	.11	.09	.10	.09	.09	.06	.103	23	.29
7	.04	.02	.02	.02	.04	.03	.04	.11	.12	.09	.08	.08	.07	.07		.07	.09	.09	.08	.06	.06	.08	.09	.10	.065	23	.14
8*	.08	.06	.05	.04	.04	.04	.05	.07	.10	.11	.10	.08	.09	.09			.13	.19	.12	.13	.12	.08	.09	.11	.088	22	.22
9*	.12	.15	.11	.16	.18	.16	.12	.12	.10	.10	.08	.10	.10	.12		.13	.22	.19	.22	.22	.15	.12	.12	.13	.140	23	.26
10	.06	.03	.02	.01	.02	.02	.07	.18	.21	.18	.14		.13	.12			.14	.13	.13	.11	.11	.13	.20	.17	.110	21	.24
11	.18	.11	.10	.10	.09	.11	.20	.46	.31	.22	.14	.10	.09	.09		.06	.09	.13	.13	.10	.09	.08	.09	.09	.127	23	.36
12	.06	.08	.05	.04	.04	.04	.06	.11	.14	.13	.12	.13	.12	.12		.10	.14	.16	.17	.13	.13	.11	.09	.11	.100	23	.23
13	.08	.07	.06	.04	.03	.05	.09	.14	.21	.26	.22	.21	.18	.21		.15	.19	.21	.20	.20	.20	.20	.21	.17	.155	23	.30
14	.12	.09	.06	.05	.06	.08	.14	.29	.49	.30	.14	.10	.10	.10			.06	.14	.14	.19	.14	.14	.12	.12	.143	22	.33
15*	.14	.09	.10	.10	.08	.06	.09	.12	.09	.10	.11	.11	.16	.18		.15	.16	.17	.15	.11	.10	.11	.13	.24	.123	23	.27
16*	.19	.17						.10	.12	.11	.11	.08	.11	.10		.07	.16	.22	.13	.17	.18	.15	.12	.13	.134	18	.24
17	.09	.06	.05	.06	.05	.05	.07	.13	.17	.13		.09	.08	.08			.17	.18	.15	.12	.09	.09	.10	.08	.098	21	.20
18	.08	.07	.09	.10	.10	.14	.25	.41	.37		.12	.12	.09				.12	.10	.10	.08	.09	.13	.14	.12	.141	20	.51
19	.08	.05	.04	.02	.02	.02	.04	.14	.15	.15	.13	.14	.14	.15			.12	.15	.14	.10	.13	.14	.14	.12	.103	22	.18
20	.09	.06	.04	.03	.04	.04	.07	.15	.19	.16	.13	.11	.09	.11		.13	.17	.18	.15	.14	.14	.13	.11	.10	.110	23	.20
21	.10	.07	.05	.04	.05	.06	.10	.21	.21	.17	.14	.10	.10	.11		.12	.19	.16	.15	.13	.11	.12	.11	.13	.117	23	.24
22*	.13	.10	.09	.08	.08	.08	.09	.13	.13	.11	.08		.03	.04			.03	.05	.07	.06	.08	.08	.06	.07	.079	21	.15
23*	.08	.05	.04	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04		.04									.044	15	.08
24																											
25	.03	.02	.02	.02	.03	.03	.04	.07	.09	.07						.11	.13	.11	.09	.08	.12	.12	.11	.10	.071	19	.14
26	.08	.06	.04	.03	.04	.05	.07	.11	.13	.10	.07	.05	.06	.05		.06	.09	.12	.13	.16	.18	.20	.14		.091	22	.24
27											.07	.05	.05	.05		.06	.09	.08	.09	.08	.10	.13	.14	.11	.086	13	.15
28	.07	.05	.04	.04	.05	.05	.10	.22	.19	.13	.10	.08							.09	.08	.09	.11	.09	.09	.093	18	.27
29*	.09	.06	.05	.04	.03	.03	.05	.06	.06	.05		.02	.02	.02		.03	.05	.05	.03	.03	.03	.03	.03	.03	.040	22	.10
MEAN	.11	.08	.06	.05	.06	.06	.09	.15	.17	.14	.11	.10	.09	.10		.09	.13	.15	.13	.12	.12	.12	.13	.12	.108		
NO.	27	27	26	26	26	26	26	27	27	26	25	24	25	23		17	26	26	27	27	27	27	27	26		591	
MAX.	.22	.20	.14	.16	.18	.17	.25	.41	.49	.30	.22	.21	.18	.21		.15	.22	.24	.22	.22	.20	.20	.26	.26	.155		.33

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-15.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1*	.04	.04	.02	.02	.02	.02	.02	.02	.03	.02	.02	.01	.02	.02			.02	.03	.05	.08	.08	.08	.09	.08	.037	24	.09
2	.07	.06	.05	.05	.05	.05	.07	.10	.14	.18				.07		.08	.10	.13	.13	.11	.09	.08	.07	.08	.087	20	.18
3	.07	.04	.06	.05	.06	.06	.08	.12	.16	.20								.30	.20	.12	.07	.05	.07	.09	.106	17	.32
4	.08	.06	.05	.05	.04	.05	.06	.09	.12	.15	.16	.17	.18	.15		.23		.27	.23	.16	.12	.09	.07	.05	.119	22	.30
5	.05	.03	.02	.01	.01	.00	.02	.05	.09	.10	.11	.09				.09	.11	.13	.10	.06	.05	.06	.07	.08	.062	21	.14
6	.09	.07	.04	.04	.04	.05	.05	.08	.12	.12	.11	.06	.08	.06		.04	.06	.08	.09	.08	.05	.04	.03	.04	.066	23	.14
7*	.04	.03	.02	.01	.01	.01	.02	.03	.05	.09	.10	.10	.11	.10		.14	.20	.21	.20	.16	.14	.14	.13	.18	.097	23	.23
8*	.16	.15	.13	.10	.07	.06	.05	.05	.06	.08	.11	.16	.19	.23		.25	.27	.25	.26	.21	.14	.13	.17	.15	.149	23	.30
9	.12	.08	.04	.03	.03	.04	.06	.14	.18	.19	.19					.14	.15	.16	.13	.10	.10	.11	.10	.06	.108	20	.21
10	.05	.03	.01	.01	.01	.01	.03	.12	.19	.20	.16	.14	.17	.15			.21	.21	.13	.12	.13	.16	.16	.12	.113	22	.24
11	.10	.09	.09	.07	.06	.07	.11	.21	.20	.18	.12	.11	.11	.10		.16	.19	.17	.14	.09	.10	.09	.12	.09	.119	23	.23
12	.05	.03	.02	.02	.02	.03	.06	.11	.13	.15	.15	.11	.10	.09		.08	.12	.16	.18	.16	.10	.09	.08	.07	.092	23	.21
13	.05	.04	.02	.02	.01	.02	.03	.08	.09	.09				.04		.05	.06	.08	.09	.09	.08	.06	.06	.04	.054	20	.11
14*	.03	.02	.02	.01	.03	.03	.05	.07	.07					.07		.04	.06	.08	.09	.06	.06	.06	.06	.08	.051	19	.09
15*	.08	.07	.08	.07	.08	.10	.11	.11	.08	.05	.05	.03	.03	.03			.06	.06	.08	.15	.10	.08	.07	.16	.077	22	.25
16	.21	.15	.07	.05	.05	.05	.06	.10	.12	.13	.11	.10	.08	.05		.06	.05	.08	.07	.05	.05	.05	.05	.05	.079	23	.22
17	.04	.05	.03	.03	.02	.01	.06	.12	.15	.13	.08	.10					.16	.18	.18	.18	.15	.13	.16	.16	.106	20	.21
18	.14	.09	.06	.04	.04	.05	.09	.15	.23	.21	.12	.13	.11	.12		.11	.13	.19	.19	.19	.18	.12	.15	.16	.129	23	.25
19	.14	.09	.05	.03	.02	.01	.04	.12	.17								.15	.18	.18	.19	.21	.24	.20	.15	.127	17	.24
20	.09	.04	.01	.00	.00	.00	.03	.08	.15	.19	.17	.18	.19	.20		.22		.24	.19	.13	.10	.10	.09	.09	.113	22	.25
21*	.09	.08	.07	.04	.02	.02	.02	.06	.09	.13	.16	.13	.15	.16		.18	.23	.23	.20	.21	.18	.16	.15	.19	.129	23	.25
22*	.13	.09	.07	.06	.03	.02	.01	.01	.02	.03	.03	.03	.04	.06		.09	.12	.13	.18	.20	.19	.19	.21	.19	.093	23	.23
23	.14	.07	.03	.03	.02	.02	.06	.12	.13	.11	.08		.10	.06			.05	.07	.05	.05	.08	.09	.09	.07	.072	21	.17
24	.04	.03	.03	.04	.03	.03	.04	.07	.13	.16	.13	-		.12			.14	.17	.21	.22	.19	.18	.20	.18	.117	20	.24
25	.14	.09	.04	.03	.02	.02	.04	.13	.20	.18	.15	.13	.15	.14			.18	.14	.12	.10	.09	.09	.11	.13	.110	22	.21
26	.07	.03	.01	.00	.00	.01	.03	.06	.09	.10	.09	.07	.06	.08		.09		.10	.08	.05	.04	.05	.04	.03	.053	24	.11
27	.02	.01	.01	.01	.00	.01	.03	.09	.11	.12	.10			.09		.11	.17	.19	.18	.12	.09	.07	.07	.07	.079	21	.21
28*	.06	.07	.06	.05	.04	.04	.06	.10	.12	.17	.18	.17	.14	.09				.08	.06	.07	.06	.05	.06	.09	.085	21	.20
29*	.06	.05	.06	.04	.05	.06	.07	.04	.04	.05	.04	.06	.07	.07		.08	.11	.13	.15	.16	.14	.11	.12	.12	.081	23	.16
30	.11	.10	.08	.06	.06	.08	.11	.20	.27	.23	.16	.14	.10	.11		.12	.11	.10	.09	.08	.09	.09	.10	.1	.117	23	.29
31	.11	.09	.07	.06	.06	.04	.06	.15	.23	.25	.20	.18	.19	.17			.17	.21	.15	.11	.11	.13	.10	.08	.131	24	.26
MEAN	.09	.06	.05	.04	.03	.03	.05	.10	.13	.14	.12	.11	.11	.10		.12	.13	.15	.14	.12	.11	.10	.11	.10	.096		
NO.	31	31	31	31	31	31	31	31	31	29	26	22	21	26		20	26	31	31	31	31	31	31	31		666	
MAX.	.21	.15	.13	.10	.08	.10	.11	.21	.27	.25	.20	.18	.19	.23		.25	.27	.30	.26	.22	.21	.24	.21	.19	.149		.32

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-16.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITRIC OXIDE
APRIL 1964

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.06	.03	.02	.01	.01	.01	.05	.07	.08					.03		.05	.06	.05	.02	.03	.05	.05	.03	.04	.039	19	.09
2	.03	.01	.01	.01	.02	.02	.04	.15	.23	.23	.23	.23	.20	.19		.25	.23	.25	.23	.19	.15	.13	.10	.09	.139	23	.27
3	.08	.05	.03	.02	.01	.01	.04	.08	.11	.13	.15	.12	.13	.13			.15	.14	.12	.10	.10	.09	.11	.11	.091	22	.16
4*	.12	.10	.07	.05	.04	.03	.03	.05	.09	.12	.14	.11	.13	.12		.16	.17	.16	.18	.20	.20	.20	.18	.14	.122	23	.21
5*	.14	.12	.09	.06	.05	.03	.02	.03	.04	.05	.08	.12	.15	.18		.26	.31	.28	.24	.19	.11	.06	.06	.06	.117	23	.31
6	.07	.06	.05	.03	.03	.03	.03	.06	.10	.11	.11	.10	.11	.08			.19	.21	.23	.19	.10	.05	.06	.07	.095	22	.27
7	.09	.11	.08	.07	.05	.05	.05	.08	.10	.10	.08		.06			.12	.08	.06	.05	.04	.03	.03	.03	.03	.066	21	.14
8	.04	.02	.02	.02	.02	.01	.03	.06	.10	.12	.10	.11	.11	.10			.13	.14	.10	.10	.10	.11	.11	.09	.077	22	.16
9	.07	.04	.02	.02	.03	.05	.10	.20	.15	.08	.06	.04	.03	.03		.04	.05	.05	.05	.05	.06	.06	.06	.07	.061	23	.23
10	.05	.05	.03	.02	.02	.03	.07	.12	.17	.15	.11	.06	.06	.07		.12	.13	.14	.13	.13	.14	.12	.14	.18	.098	23	.19
11*	.15	.10	.09	.07	.05	.03	.03	.04	.07	.12	.06	.05	.05	.04		.02	.03	.03	.04	.07	.09	.06	.04	.03	.059	23	.18
12*	.03	.02	.02	.02	.01	.02	.02	.02	.01	.01	.00	.01	.01	.01	.00	.01	.02	.02	.02	.02	.03	.02	.01	.01	.015	24	.04
13	.01	.00	.01	.01	.01	.01	.01	.03	.07	.06	.04	.04	.04	.03		.04	.05	.03	.05	.04	.03	.05	.08	.05	.034	23	.09
14	.03	.01	.01	.01	.02	.02	.05	.07	.07	.05	.03	.02	.03	.02			.06	.06	.05	.04	.05	.05	.06	.04	.037	22	.08
15	.03	.01	.01	.01	.02	.04	.07	.09	.07	.06	.04	.05	.04	.08		.16	.14	.07	.05	.04	.06	.05	.03	.03	.054	23	.18
16	.02	.01	.01	.00	.00	.01	.04	.08	.08	.05	.03	.02	.02	.01		.03	.04	.04	.05	.05	.05	.04	.04	.03	.033	23	.09
17	.03	.03	.02	.01	.01	.02	.03	.05	.05	.03	.04	.02	.02	.01		.02	.04	.05	.06	.06	.05	.05	.05	.06	.035	23	.07
18*	.09	.09	.06	.04	.03	.02	.02	.03	.06	.12	.11	.12	.13	.13			.19	.18	.16	.13	.12	.11	.11	.14	.099	22	.20
19*	.16	.17	.14	.10	.06	.03	.02	.02	.04	.04	.05	.07	.08	.10		.13	.16	.20	.21	.18	.15	.13	.13	.14	.109	23	.22
20	.13	.08	.05	.03	.02	.01	.03	.10	.17	.18	.16	.14	.12	.12		.17	.16	.17	.20	.21	.20	.22	.13	.08	.124	23	.23
21	.10	.10	.08	.05	.03	.03	.05	.07	.09	.10	.11	.08	.07	.05		.06	.07	.07	.06	.04	.04	.04	.05	.04	.064	23	.12
22	.02	.01	.01	.01	.01	.01	.02	.05	.08	.10	.10	.08	.08	.06		.06	.09	.10	.09	.11	.17	.20	.22	.23	.082	23	.23
23	.20	.15	.12	.08	.05	.06	.07	.10	.14	.18	.13	.11	.14	.11				.17	.16	.13	.12	.12	.13	.12	.122	21	.22
24	.10	.08	.05	.03	.02	.02	.04	.07	.14	.12				.08		.12	.15	.16	.15	.12	.11	.10	.13	.16	.097	20	.17
25*	.16	.16	.14	.11	.08	.06	.05	.07	.08	.09	.11	.10	.09	.09		.10	.10	.10	.09	.11	.12	.14	.16	.17	.108	23	.18
26*	.19	.21	.18	.10	.05	.03	.03	.04	.05	.06	.08	.10	.14	.13		.15	.19	.16	.10	.08	.05	.03	.02	.03	.094	23	.21
27	.01	.01	.01	.02	.02	.03	.08	.10	.10	.10	.07					.06	.10	.12	.08	.09	.05	.04	.04	.04	.059	20	.15
28	.04	.03	.03										.07	.07			.15	.11	.10	.11	.13	.12	.19	.10	.095	13	.24
29	.05	.03	.01	.02	.04	.07	.11	.14	.14	.10	.10	.10	.09	.05		.11	.11	.09	.08	.06	[illegible]	.07	.05	.06	.075	23	.17
30	.05	.03	.02	.01	.02	.04	.09	.14	.14	.12	.13	.10	.08	.08		.13	.16	.14	.13	.09	.14	.12	.12	.09	.093	23	.18
MEAN	.08	.06	.05	.04	.03	.03	.04	.08	.10	.10	.09	.08	.08	.08		.10	.12	.12	.11	.10	.09	.09	.09	.08	.080		
NO.	30	30	30	29	29	29	29	29	29	28	27	25	27	28	1	23	29	30	30	30	30	30	30	30		662	
MAX	.20	.21	.18	.11	.08	.07	.11	.20	.23	.23	.23	.23	.20	.19	.00	.26	.31	.28	.25	.21	.20	.22	.22	.23	.139		.31

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV. DEC. 2, 1968

Table 3-17.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITRIC OXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX.
1	.07	.05	.04	.04	.05	.11	.22	.30	.26	.17	.15	.16	.12	.18				.22	.24	.24	.24	.22	.17	.18	.163	21	.31
2*	.17	.14	.10	.04	.02	.03	.06	.07	.10	.12			.08	.06		.12	.12	.13	.12	.11	.10	.07	.09	.13	.095	21	.19
3*	.16	.11	.06	.04	.03	.02	.02	.04	.04	.07	.06	.05	.04	.05		.06	.08	.11	.15	.16	.06	.05	.05	.06	.067	23	.18
4	.01	.01	.00	.00	.00	.02	.06	.19	.16	.04	.04	.02	.01	.01		.03	.03	.02	.02	.02	.04	.04	.03	.02	.032	23	.20
5	.01	.00	.00	.00	.00	.03	.06	.07	.04	.03	.02	.02	.01	.01		.02	.02	.02	.01	.00	.02	.02	.02	.01	.018	23	.08
6	.00	.00	.00	.00	.00	.01	.03	.04			.04	.03	.04	.04		.03	.04	.03	.02	.02	.02	.02	.02	.02	.021	21	.06
7	.02	.01	.00	.01	.01	.02	.03	.06	.05	.03	.02	.01	.02	.02			.01	.01	.01	.01	.01	.01	.02	.02	.018	22	.07
8	.01	.01	.01	.01	.02	.03	.05	.06	.03		.02	.02	.02	.04		.03	.02	.01	.01	.01	.01	.02	.03	.01	.021	22	.08
9*	.00	.00	.00	.00	.00	.00	.01	.02	.02	.03	.02	.02	.01	.01		.03	.02	.02	.01	.04	.04	.04	.05	.06	.020	23	.08
10*	.04	.02	.04	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.02		.04	.05	.06	.07	.09	.13	.19	.22	.27	.057	23	.28
11	.26	.23	.19	.15	.13	.18	.29	.28	.15	.08	.04	.07	.10	.06		.16	.12	.12	.12	.13	.15	.16	.13	.10	.147	23	.31
12	.05	.02	.01	.02	.02	.13	.24	.17	.10	.03	.02	.05	.04	.06		.08	.08	.10	.08	.11	.12	.09	.13	.10	.080	23	.27
13	.04	.02	.01	.00	.01	.04	.12	.18	.20			.09	.12	.17		.19	.18	.15	.10	.10	.11	.09	.09	.05	.096	21	.21
14	.04	.01	.01	.00	.02	.15	.19	.21	.14	.12	.11	.12	.08	.07											.090	14	.28
15										.07	.05	.04	.03	.02		.04	.04	.05	.04	.05	.07	.07	.06	.05	.047	14	.08
16*	.04	.03	.04	.03	.03	.03	.07	.07	.12	.08	.06	.05	.07	.07		.10	.12	.11	.08						.064	10	.13
17*																											
18	.02	.00	.00	.00	.00	.01	.05	.08	.13	.08	.04						.03	.02	.03	.09	.07	.04	.04	.04	.040	19	.15
19	.02	.00	.00	.00	.00	.02	.06	.06	.06	.05	.04	.04	.03	.03			.06	.06	.09	.06	.07	.08	.08	.06	.043	22	.10
20	.04	.02	.01	.00	.00	.02	.06	.10	.11	.11		.05	.06	.08		.12	.13	.12	.13	.13	.11	.11	.12	.11	.079	24	.14
21	.07	.05	.04	.03	.04	.03	.08	.09	.08	.06				.12			.11	.10	.11	.15	.22	.15	.14	.06	.088	19	.25
22	.03	.02	.03	.02	.02	.04	.07	.08	.08	.10	.05	.02	.03	.03		.04	.04	.03	.04	.05	.07	.07	.09	.07	.049	23	.11
23*	.04	.03	.02	.02	.01	.02	.03	.04	.04	.03	.03	.02	.02	.02		.03	.02	.02	.03	.03	.04	.03	.02	.03	.026	23	.05
24*	.03	.01	.01	.02	.01	.01	.02	.05	.02	.02	.01	.01	.02	.02		.06	.06	.07	.08	.11	.13	.15	.15	.15	.054	23	.17
25	.09	.05	.03	.04	.02	.06	.17	.21	.15	.07	.06	.04	.05	.08		.09	.11	.16	.15	.15	.15	.12	.14	.20	.103	23	.24
26	.18	.06	.03	.02	.02	.04	.09	.11	.08	.08	.04	.08	.08	.07		.07	.08	.10	.11	.09	.10	.15	.12	.10	.082	23	.20
27	.07	.05	.03	.02	.02	.05	.14	.20	.19	.14	.13	.12	.09	.10											.096	14	.21
28																											
29																											
30*										.00	.04	.06	.04	.05		.05	.06	.05	.06	.08	.09	.10	.11	.11	.063	14	.11
31*	.09	.07	.05	.02	.01	.01	.01	.04	.03	.03	.03	.02	.04	.05		.06	.08	.07	.08	.07	.07	.08	.08	.07	.048	23	.10
MEAN	.06	.04	.03	.02	.02	.04	.09	.11	.09	.07	.05	.05	.05	.06		.07	.07	.07	.07	.08	.09	.09	.09	.08	.064		
NO	26	26	26	26	26	26	26	26	25	25	24	25	26	27		21	25	26	26	25	25	25	25	25		588	
MAX	.26	.23	.19	.15	.13	.18	.29	.30	.26	.17	.15	.16	.12	.18		.19	.18	.22	.24	.24	.24	.22	.22	.27	.163		.31

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-18.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

NITRIC OXIDE
JUNE 1964

CONCENTRATION IN PPM
COLONIMETRIC ANALYSIS

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.04	.02	.01	.00	.00	.02	.10	.16	.17	.12	.08	.04	.04	.09		.07	.08	.06	.06	.08	.12	.11	.07	.08	.071	23	.18
2	.07	.09	.11	.13	.16	.21	.31	.30	.19	.09	.07	.07	.09	.07		.10	.16	.14	.09	.07	.10	.11	.09	.07	.123	23	.35
3	.06	.05	.04	.03	.04	.04	.08	.13	.13	.08	.04	.03	.04	.07		.07	.07	.05	.03	.03	.06	.08	.09	.11	.062	23	.14
4	.09	.06	.04	.05	.07	.13	.47	.32	.18	.11	.07	.05	.07	.10		.12	.10	.09	.08	.08	.10	.10	.08	.07	.105	23	.36
5	.07	.04	.03	.02	.03	.05	.13	.16	.16	.16	.12	.08	.10	.15		.12	.13	.09	.07	.07	.09	.08	.12	.14	.095	23	.18
6*	.10	.06	.05	.04	.04	.04	.06	.09	.10	.06	.06	.09	.06	.10				.16	.15	.11	.07	.09			.080	19	.18
7*					.07	.07	.08	.06	.09	.06	.08	.08	.07	.04				.03	.04	.04	.07	.10	.08	.11	.066	17	.13
8	.08	.06	.02	.01	.01	.02	.12	.13	.13	.07	.05	.04	.03	.06		.06	.08	.01	.02	.02	.02	.03	.03	.01	.047	23	.17
9	.01	.05	.07	.03	.02	.03	.10	.21	.16	.08	.06	.02	.06	.12		.03	.02	.01	.02	.04	.06	.07	.07	.09	.062	23	.24
10	.07											.09	.09	.12	.11		.10	.08	.08	.09	.12	.12	.11	.07	.095	19	.16
11	.06	.03	.01	.02	.03	.07	.09	.09	.11	.11	.11	.10	.11	.09		.11	.14	.12	.11	.12	.13	.12	.12	.10	.091	23	.16
12	.05	.03	.01	.01	.02	.04	.10	.12	.12	.09	.03	.02	.02	.02		.03	.07	.08	.05	.08	.12	.11	.09	.11	.060	23	.14
13*	.09	.04	.02	.02	.04	.03	.06	.05	.05	.04	.02	.03	.02	.01		.05	.06	.03	.05	.05	.06	.07	.07	.12	.046	23	.17
14*	.18	.12	.06	.02	.01	.01	.01	.04	.03	.05	.05	.04	.04	.06		.09	.12	.11	.08	.11	.11	.10	.09	.06	.068	23	.18
15	.05	.04	.02	.01	.02	.05	.12	.18	.16	.18	.15	.11	.15	.19		.11	.13	.13	.12	.09	.07	.07	.07	.07	.099	23	.22
16	.05	.03	.02	.01	.02	.04	.11	.15	.14	.09	.08	.07	.08	.11		.10	.10	.08	.08	.11	.11	.12	.14	.14	.085	23	.16
17	.11	.06	.03	.02	.02	.05	.09	.11	.09	.03	.03	.05	.04				.06	.04	.07	.06	.12	.12	.09	.06	.063	21	.14
18	.03	.03	.02	.02	.04	.05	.07	.08	.07	.05	.03	.02	.03	.03		.00	.04	.02	.03	.03	.05	.04	.04	.04	.037	23	.09
19	.02	.02	.01	.01	.01	.03	.06	.07	.07	.05							.03	.03	.03	.03	.04	.03	.03	.02	.033	18	.09
20*	.02	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.02	.02	.02		.01	.02	.01	.02	.03	.02	.03	.03	.03	.019	25	.05
21*	.02	.09	.07	.04	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01			.04	.06	.05	.04	.04	.05	.05	.04	.030	24	.11
22	.01	.00	.00	.00	.00	.04	.11	.10	.08	.06	.04	.03	.03				.07	.05	.05	.05	.04	.05	.03	.02	.041	21	.13
23	.01	.01	.01											.01		.04	.04	.04	.03	.03	.05	.05	.05	.05	.032	13	.07
24	.03	.01	.01	.01	.01	.03	.09	.13	.11	.09	.09	.10	.09	.09			.07	.05	.04	.08	.13	.11	.11	.14	.074	22	.20
25	.18	.18	.14	.11	.11	.14	.18	.15	.06	.03	.02	.02	.03	.03											.098	14	.21
26																											
27*	.08	.05	.04	.02	.04	.04	.07	.09	.09	.05	.05	.07	.06	.05			.03	.02	.04	.09	.08	.11	.19	.18	.068	24	.27
28*	.28	.25	.17	.23	.15	.06	.06	.02	.04	.03	.01	.01	.01	.02			.06	.10	.11	.08	.05	.10	.10	.08	.090	22	.31
29	.08	.05	.07	.03	.04	.08	.12	.07	.05	.03	.02	.02	.01			.02	.02	.02	.02	.04	.08	.09	.07	.08	.049	22	.16
30	.05	.02	.01	.01	.04	.09	.15	.16	.12	.05	.05	.04	.02	.01		.03	.02	.03	.01	.02	.04	.03	.05	.10	.050	23	.20
MEAN	.07	.05	.04	.03	.04	.05	.10	.12	.10	.07	.06	.05	.05	.07		.06	.07	.06	.06	.06	.08	.08	.08	.08	.067		
NO.	24	27	27	26	27	27	27	27	27	27	26	27	27	25	1	18	26	28	28	28	28	28	27	27		614	
MAX.	.28	.25	.17	.23	.16	.21	.31	.32	.19	.18	.15	.11	.15	.19	.11	.12	.16	.16	.15	.12	.13	.12	.19	.18	.123		.36

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-19.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.06	.03	.01	.02	.02	.05	.10	.11	.08			.02	.02	.02		.03	.02	.03	.02	.02	.02	.06	.10	.10	.044	21	.15
2	.05	.04	.02	.01	.03	.04	.10	.07	.05	.03	.04	.04	.06	.07		.05	.05	.05	.05	.11	.10	.14	.16	.14	.064	23	.17
3	.07	.08	.08	.04	.05	.06	.10	.10	.07	.03	.04	.05	.11	.11		.05	.09	.07	.06	.08	.10	.10	.09	.09	.075	23	.15
4*	.08	.06	.03	.02	.01	.01	.02	.02	.03	.02	.03	.04	.04	.04		.06	.08	.07	.08	.08	.10	.12	.18	.16	.059	23	.22
5*	.12	.10	.06	.05	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03		.06	.09	.11	.12	.15	.18	.23	.17	.11	.077	24	.27
6	.06	.08	.05	.06	.07	.05	.10	.09	.08	.05	.03	.04	.08	.11			.04	.03	.04	.04	.04	.03	.04	.04	.056	24	.18
7	.03	.02	.02	.02	.02	.05	.11	.18	.13	.06	.05	.06	.05	.10						.11	.13	.18	.16	.09	.082	19	.26
8	.06	.05	.04	.02	.03	.09	.16	.14	.11	.07	.06	.05	.04	.07		.09	.10	.13	.12	.15	.13	.13	.10	.10	.087	23	.22
9	.06	.02	.02	.01	.01	.06	.14	.16	.15	.12	.10	.06	.06	.05		.08	.09	.11	.09	.10	.11	.09	.09	.07	.079	23	.20
10	.06	.03	.03	.02	.04	.14	.16	.15	.11	.06	.07	.06	.05	.04		.08	.08	.09	.10	.13	.13	.16	.16	.12	.090	23	.25
11*	.10	.06	.03	.01	.04	.11	.13	.08	.05			.04	.07	.10		.11	.12	.09	.08	.07	.15	.16	.12	.12	.087	21	.21
12*	.08	.07	.03	.02	.01	.01	.01	.03	.03	.04	.04	.05	.07	.08		.09	.10	.09	.09	.11	.11	.09	.06	.06	.059	23	.13
13																											
14																											
15																											
16	.02	.01	.04	.03	.02	.05				.06	.05	.02	.02	.02		.04	.02	.02	.02	.03	.04	.05	.05	.03	.032	20	.10
17	.02	.01	.01	.01	.01	.04	.09	.11	.08	.06	.02	.01	.01	.01		.02	.02	.01	.02	.02	.06	.13	.11	.05	.042	23	.22
18*	.05	.02	.02	.02	.03	.09	.06	.14	.13	.10	.12	.14	.08	.08		.04	.05	.05	.03	.05	.08	.11	.14	.11	.075	24	.18
19*	.14	.06	.04	.02	.02	.03	.04	.03	.05	.05	.02	.01	.01	.01		.01	.01	.02	.05	.05	.03	.05	.07	.05	.037	23	.18
20	.03	.02	.00	.01	.01	.05	.06	.05	.10	.06	.02	.01	.01	.01		.03	.02	.03	.07	.09	.12	.08	.02	.01	.039	24	.14
21	.04	.01	.01	.01	.04	.07	.13	.07	.07	.04	.02	.01	.02	.07		.04	.03	.05	.05	.08	.10	.09	.15	.10	.056	23	.17
22	.04	.04	.05	.04	.04	.11	.18	.14			.01	.01	.01	.02			.06	.07	.08	.07	.06	.10	.04	.03	.059	20	.20
23	.02	.01	.01	.01	.01	.03	.09	.07	.04			.03	.04	.04		.04	.06	.05	.06	.07	.06	.09	.07	.05	.044	21	.12
24	.04	.02	.01	.02	.03	.10	.20	.13	.09	.07	.03	.02	.02	.06		.06	.02	.02	.05	.07	.11	.12	.14	.09	.065	23	.24
25*	.09	.04	.02	.01	.01	.02	.01	.04	.05	.09	.03	.05	.05	.04		.03	.05	.04	.06	.08	.08	.09	.13	.13	.053	23	.15
26*	.16	.22	.16	.11	.11	.10	.10	.05	.04	.02	.03	.02	.02	.04		.04	.04	.12	.14	.11	.08	.06	.12	.25	.093	23	.28
27	.17	.12	.08	.05	.08	.12	.14	.08	.05	.05		.03	.03	.02		.03	.03	.02	.01	.03	.08	.07	.06	.07	.063	22	.19
28	.05	.03	.02	.02	.03	.07	.17	.14	.04	.03	.02	.01	.01			.02	.01	.01	.01	.01	.06	.04	.05	.07	.042	22	.20
29	.07	.02	.02	.01	.01	.04	.11	.12	.12					.06		.10	.10	.09	.06	.08	.10	.11	.09	.06	.071	19	.14
30	.04	.02	.01	.01	.01	.06	.17	.21	.14	.09	.09	.06	.07	.11		.12	.13	.10	.10	.15	.12	.10	.09	.10	.091	23	.24
31	.05	.02	.01	.01	.00	.02	.08	.09	.10	.06	.05	.08	.07	.05		.04	.05	.05	.04	.04	.06	.04	.06	.03	.047	24	.13
MEAN	.06	.05	.03	.03	.03	.06	.10	.10	.08	.06	.04	.04	.04	.05		.05	.06	.06	.06	.08	.09	.10	.10	.09	.063		
NO.	28	28	28	28	28	28	27	27	26	23	23	27	27	27		25	27	27	27	28	28	28	28	28		624	
MAX.	.17	.22	.16	.11	.11	.14	.20	.21	.15	.12	.12	.14	.11	.11		.12	.13	.13	.14	.15	.18	.23	.18	.25	.093		.28

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-20.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITRIC OXIDE
AUG. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.02	.02	.02	.02	.02	.04	.05	.04	.04	.04	.02	.02	.01	.01		.02	.01	.01	.02	.03	.05	.06	.08	.05	.030	23	.10
2*	.04	.03	.02	.02	.02	.03	.03	.04	.05	.04	.02	.01	.01	.01		.02	.01	.01	.01	.06	.06	.07	.06	.04	.029	23	.09
3	.03	.04	.02	.01	.02	.04	.08	.09	.09	.04	.03	.02	.01	.02		.04	.09	.09	.09	.07	.11	.09	.07	.05	.052	23	.13
4	.03	.02	.01	.01	.01	.04	.14	.15	.10		.07	.08	.09	.12			.16	.13	.09	.08	.08	.13	.12	.12	.084	21	.19
5	.07	.04	.02	.02	.02	.07	.14	.16	.10	.10	.09	.08	.08	.09		.09	.12	.09	.07	.11	.10	.11	.09	.09	.084	23	.19
6	.07	.05	.02	.01	.03	.14	.13	.09	.11	.06	.02	.04	.03	.09		.10	.09	.05	.09	.07	.11	.13	.09	.05	.071	23	.21
7	.04	.04	.03	.01	.02	.10	.19	.13					.02	.03		.04	.04	.04	.09	.12	.12	.13	.12	.20	.079	19	.25
8*	.16	.08	.06	.05	.04	.07	.11	.10	.10	.08	.09	.05	.04	.04		.06	.07	.07	.06	.06	.07	.08	.09	.11	.074	23	.22
9*	.11	.06	.03	.03	.01	.02	.02	.02	.02	.02	.01	.02	.03	.07		.07	.10	.10	.09	.10	.06	.09	.07	.11	.054	23	.16
10	.07	.04	.02	.01	.01	.09	.12	.16	.14	.10	.09	.05				.00	.04	.04	.03	.05	.05	.04	.03	.02	.054	21	.19
11	.01	.01	.01	.01	.01	.04	.12	.13	.14	.09				.04		.05	.06	.05	.05	.05	.05	.05	.05	.04	.051	20	.18
12	.04	.02	.01	.02	.02	.07	.15	.20	.16	.14	.15	.14	.15	.12		.17	.16	.12	.10	.08	.11	.14	.14	.09	.109	23	.21
13	.08	.06	.04	.03	.04	.08	.19	.20	.16	.12	.13	.14	.12	.15		.13	.14	.11	.13	.14	.14	.10	.05	.07	.110	23	.22
14	.17	.17	.14	.13	.11	.11	.21	.20	.16	.14	.12	.10	.10	.08		.14	.16	.13	.16	.16	.17	.13	.13	.05	.137	23	.26
15*	.48	.46	.22	.23	.21	.20	.22	.19	.07	.05	.05	.05	.07	.07		.12	.13	.18	.12	.12	.15	.18	.24	.26	.152	23	.32
16*	.12	.08	.08	.07	.06	.06	.08	.05	.05	.04	.04	.02	.02	.03		.06	.05	.04	.05	.07	.12	.15	.14	.13	.068	24	.19
17	.08	.06	.04	.03	.03	.06	.13	.15	.13	.07	.05	.05	.04	.04			.10	.13	.09	.10	.13	.13	.14	.14	.087	24	.18
18	.06	.02	.01	.01	.02	.08	.19	.19	.15		.07	.07	.08	.08		.08	.12	.11	.09	.10	.09	.13	.14	.11	.090	22	.24
19	.09	.05	.03	.02	.02	.04	.13	.15	.09	.06	.07	.08	.11	.07		.11	.10	.10	.09	.09	.10	.13	.09	.10	.082	23	.22
20	.05	.04	.04	.02	.02	.05	.10	.13	.17	.12	.09	.07	.07	.08			.05	.05	.04	.05	.10	.07	.08	.04	.069	24	.23
21	.04	.01	.01	.01	.02	.06	.12	.13	.08	.06	.06	.07	.10	.06			.06	.06	.06	.09	.12	.16	.22	.21	.081	24	.26
22*	.17	.13	.13	.11	.13	.13	.11	.09	.13	.09						.02	.04	.04	.03	.04	.04	.07	.09	.09	.089	19	.22
23*	.06	.05	.03	.02	.01	.01	.02	.03	.03	.04	.04	.04	.04	.04		.06	.05	.06	.06	.08	.10	.14	.15	.13	.056	23	.17
24	.09	.08	.07	.05	.06	.12	.27	.18	.13	.10	.07	.05	.06	.03			.06	.05	.07	.08	.08	.07	.04	.03	.084	22	.31
25	.01	.01	.01	.01	.01	.05	.20	.21	.16		.08	.08	.07	.06		.07	.09	.08	.08	.12	.13	.15	.16	.15	.090	24	.25
26	.11	.08	.06	.04	.06	.16	.39	.26	.12	.12	.07	.06	.05	.04		.09	.09	.06	.06	.06	.05	.09	.08	.09	.099	24	.40
27	.08	.06	.03	.02	.02	.09	.15	.12	.11	.04	.03	.02	.02	.05		.04	.05	.03	.03	.03	.04	.05	.04	.04	.050	23	.19
28	.03	.01	.00	.00	.00	.02	.05	.06	.05	.03	.04	.02	.03	.04		.03	.05	.07	.07	.07	.08	.14	.21	.23	.057	23	.27
29*	.10	.09	.06	.06	.07	.13	.24	.18	.12	.05	.03	.05	.07	.08		.08	.11	.09	.06	.03	.03	.05	.07	.06	.082	23	.27
30*	.05	.04	.02	.02	.01	.00	.08	.05	.04	.06	.04	.02	.02	.02			.01	.00	.00	.00	.00	.00	.00	.00	.022	22	.11
31																											
MEAN	.07	.06	.04	.04	.04	.07	.14	.13	.10	.07	.06	.05	.06	.06		.07	.08	.07	.07	.08	.09	.10	.10	.10	.076		
NO.	30	30	30	30	30	30	30	30	29	26	27	27	27	28		24	30	30	30	30	30	30	30	30		668	
MAX.	.18	.26	.22	.23	.21	.20	.39	.20	.17	.14	.15	.14	.15	.15		.17	.16	.18	.16	.16	.17	.18	.24	.26	.152		.40

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-21.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3																											
4																											
5*																											
6*																											
7																											
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*																											
20*																											
21																											
22																											
23																											
24																											
25	.05	.03	.03	.03	.06	.15	.24	.31	.30	.19	.13	.11	.10	.07		.10	.12	.15	.11	.09	.09	.08	.07	.05	.115	24	.36
26*	.04	.03	.03	.02	.01	.02	.04	.06	.06	.05	.05	.07	.06	.08		.06	.06	.05	.06	.06	.07	.06	.04	.04	.047	24	.09
27*	.04	.03	.02	.02	.02	.02	.03	.03	.04	.04	.06	.06	.05	.06		.09	.16	.18	.17	.24	.18	.16	.12	.08	.082	24	.29
28	.06	.04	.02	.03	.11	.08	.12	.14	.13	.08	.07	.07	.07	.10		.10	.12	.15	.12	.14	.18	.17	.13	.08	.099	24	.22
29	.06	.04	.02	.04	.15	.30	.45	.49	.24	.14		.10	.06	.08			.09	.11	.10	.09	.07	.03	.14	.23	.132	21	.48
30	.28	.34	.43	.44	.38	.44	.31	.26	.17	.10			.05	.04		.06	.08	.09	.10	.11	.13	.06	.04	.03	.186	21	.53
MEAN																											
NO	6	6	6	6	6	6	6	6	6	6	4	5	6	6		5	6	6	6	6	6	6	6	6		134	
MAX	.28	.34	.43	.44	.38	.44	.45	.31	.30	.19	.13	.11	.10	.10		.10	.16	.18	.17	.24	.18	.17	.14	.23	.186		.53

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-22.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
OCT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.03	.00	.01	.03	.04	.13	.10	.12	.07	.04	.03	.02	.02		.06	.06	.07	.08	.06	.10	.09	.05	.03	.054	23	.15
2	.02	.01	.02	.02	.01	.04	.14	.13	.14	.12	.10					.08	.10	.10	.11	.13	.14	.23	.19	.15	.097	20	.29
3*	.13	.10	.07	.07	.10	.13	.17	.15	.11	.05	.06	.05	.06	.05		.06	.06	.05	.08	.09	.11	.07			.086	21	.19
4*																											
5										.17	.15	.12	.12	.12		.14	.12	.13	.10	.13	.13	.12	.08	.06	.120	19	.24
6	.05	.04	.04	.05	.04	.11	.24	.23	.26	.15	.17	.15		.16			.24	.23	.21	.18	.19	.14	.12	.08	.151	21	.40
7	.14	.15	.13	.09	.06	.12	.20	.21	.15	.14	.10	.08	.05	.05		.05	.11	.11	.09	.08	.04	.04	.04	.02	.098	23	.25
8	.02	.01	.01	.01	.02	.04	.10	.13	.14	.09	.10	.08	.08	.11		.15	.17	.16	.14	.16	.16	.15	.12	.10	.096	23	.19
9	.05	.04	.03	.02	.04	.09	.21	.30	.26	.21	.21	.22	.22	.20			.23	.25	.24	.28	.25	.24	.20	.22	.184	22	.33
10*	.22	.14	.15	.12	.11	.11	.19	.27	.30	.28	.23	.18	.16	.15	.13		.13	.17	.10	.11	.17	.13	.13	.15	.165	23	.32
11*	.23	.31	.26	.24	.20	.21	.16	.15	.17				.04	.06		.14	.26	.19	.12	.15	.15	.20	.14	.08	.171	20	.36
12	.15	.20	.19	.17	.11	.17	.34	.32	.27	.25	.16	.14	.10	.09			.16	.19	.14	.16	.17	.19	.16	.32	.187	24	.41
13	.33	.31	.25	.18	.12	.29	.36	.39	.41	.21	.11	.13	.12				.30	.28	.33	.34	.37	.22	.14	.31	.260	21	.46
14	.17	.14	.19	.36	.53	.64	.65	.91	.59	.42	.29	.27					.14	.17	.22	.19	.20	.07	.06	.30	.323	20	.97
15	.41	.34	.20	.12	.13	.24	.50	.55	.45	.20	.10	.11	.10	.07		.14	.21	.24	.16	.08	.08	.11	.14	.30	.215	23	.61
16	.46	.51	.41	.44	.34	.40	.69	.68	.47	.41	.25	.22	.13	.09		.12	.20	.20	.17	.29	.21	.31	.45	.45	.343	23	.79
17*	.35	.32	.24	.15	.14	.09	.12	.21	.12	.07	.10	.08	.06	.03		.03	.04	.18	.20	.18	.19	.21	.24	.19	.151	23	.41
18*	.14	.11	.06	.05	.03	.03	.04	.06	.07	.07	.11	.13	.15	.14		.18	.16	.27	.27	.20	.15	.12	.13	.11	.119	23	.36
19	.08	.04	.02	.02	.04	.11	.20	.25	.25		.04	.16	.13	.17		.17	.19	.18	.15	.18	.17	.20	.16	.13	.137	22	.28
20	.10	.06	.05	.06	.10	.14	.34	.32	.30	.17		.03	.03	.04		.05	.07	.07	.06	.06	.05	.04	.04	.03	.108	22	.56
21	.02	.02	.02	.02	.03	.08	.13	.20					.06			.14	.19	.21	.16	.15	.18	.15	.17	.15	.114	18	.23
22	.10	.07	.06	.06	.07	.19	.33	.41	.30	.24	.16	.12	.10	.12		.24	.26	.22	.18	.22	.18	.21	.19	.12	.179	23	.47
23	.08	.06	.04	.05	.09	.19	.30	.31	.26	.34	.23	.18	.16	.11			.10	.12	.13	.13	.12	.18	.29	.31	.171	24	.39
24*	.27	.18	.16	.11	.08	.12	.18	.31	.27	.15	.08	.08	.07	.05	.02	.02	.03	.04	.07	.07	.06	.07	.07	.07	.109	24	.34
25*	.07	.04	.03	.04	.05	.06	.07	.10	.10	.09	.07	.07	.05	.05		.03	.07	.12	.13	.12	.14	.14	.13	.09	.082	23	.17
26	.07	.03	.01	.01	.02	.05	.10	.20	.29	.32	.17	.10	.06	.05		.05	.12	.24	.27	.23	.24	.26	.29	.19	.146	23	.35
27	.10	.06	.05	.04	.04	.05	.10	.20	.24		.16	.10	.07	.07			.14	.17	.26	.21	.18	.23	.18	.15	.133	21	.31
28	.12	.10	.08	.11	.15	.15	.15	.25	.24	.22				.14		.07	.11	.16	.20	.23	.14	.14	.10	.11	.147	20	.27
29	.09	.04	.03	.02	.03	.03	.08	.17	.18	.15	.11	.15	.14	.12		.19	.22	.22	.21	.16	.19	.20	.20	.16	.134	23	.26
30	.15	.12	.26	.29	.28	.24	.25	.48	.40	.32	.15	.13	.11	.10			.20	.21	.34	.33	.36	.33	.31	.30	.256	22	.53
31*	.23	.15	.14	.17	.27	.25	.18	.20	.26	.13			.09	.09		.20	.26	.28	.21	.18	.16	.10	.11	.08	.177	21	.33
MEAN	.15	.13	.11	.11	.11	.15	.23	.29	.25	.19	.14	.12	.09	.09		.11	.15	.17	.17	.17	.17	.16	.16	.16	.157		
NO.	29	29	29	29	29	29	29	29	28	26	25	25	26	26	2	21	30	30	30	30	30	30	29	29		649	
MAX.	.46	.51	.41	.44	.53	.64	.69	.91	.59	.42	.29	.27	.22	.20	.13	.24	.30	.28	.34	.34	.37	.33	.45	.45	.343		.97

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-23.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.11	.13	.08	.04	.06	.10	.07	.10	.13	.09	.08	.11	.11	.12		.09	.15	.19	.29	.33	.20	.21	.18	.17	.135	23	.41
2	.10	.03	.01	.01	.01	.03	.08	.17	.18	.15	.09	.11	.13	.15		.21	.21	.36	.26	.24	.20	.21	.10	.10	.136	23	.39
3	.05	.07	.04	.03	.03	.05	.10	.18	.18	.17	.11	.10	.06	.04		.11	.16	.36	.34	.31	.28	.20	.14	.09	.139	23	.45
4	.11	.05	.05	.05	.06	.09	.14	.30	.29	.24	.16	.07	.07	.07		.08	.08	.18	.16	.24	.18	.17	.19	.17	.137	23	.34
5	.14	.09	.06	.05	.05	.07	.16	.31	.36	.29	.20	.13	.09	.11			.25	.15	.16	.19	.20	.22	.22	.30	.172	22	.41
6	.22	.17	.15	.19	.17	.18	.29	.49	.33	.21	.16			.09				.13	.18	.13	.16	.15	.11	.12	.190	19	.55
7*	.12	.15	.16	.14	.08	.09	.11	.20	.20	.24	.24	.20	.21	.16		.21	.23	.23	.19	.24	.24	.30	.24	.25	.189	23	.32
8*	.23	.17	.18	.18	.13	.11	.11	.14	.16	.12	.09	.07	.08	.14		.18	.24	.17	.11	.35	.36	.22	.23	.20	.171	23	.48
9	.12	.05	.03	.03	.06	.08	.10	.19	.23	.16	.09	.07	.06	.07		.10	.12	.14	.13	.13	.08	.08	.08	.12	.099	23	.26
10	.13	.10	.10	.09	.11	.12	.20	.42	.28	.16				.14	.04			.22	.25	.15	.12	.12	.08	.05	.151	19	.52
11	.04	.02	.01	.02	.03	.03	.06	.13	.15	.09	.05	.05	.04	.05		.06	.09	.11	.09	.06	.04	.03	.03	.02	.055	23	.17
12	.02	.02	.01	.01	.01	.01	.03	.08	.12	.09	.06	.05	.04	.04			.08	.12	.10	.13	.11	.09	.08	.06	.061	22	.14
13	.05	.03	.02	.01	.02	.06	.12	.26	.30	.24	.13	.10	.08	.06		.08	.12	.28	.40	.40	.38	.30	.29	.27	.173	23	.44
14*	.23	.13	.18	.09	.07	.10	.12	.14	.13	.14	.13	.10	.06	.05			.07	.10	.10	.09	.11	.15	.15	.13	.115	24	.25
15*	.09	.06	.05	.03	.03	.03	.03	.05	.08	.08	.14	.10	.19	.15		.19	.25	.29	.19	.16	.18	.19	.20	.14	.125	23	.34
16	.10	.08	.07	.05	.04	.05	.08	.17	.18	.19			.13	.14		.12	.21	.28	.23	.22	.23	.24	.17	.13	.148	21	.30
17	.10	.07	.04	.03	.04	.06	.13	.20	.26	.20	.13	.11	.10	.08		.07	.09	.09	.09	.09	.11	.17	.19	.13	.112	23	.30
18	.10	.07	.06	.04	.05	.05	.13	.21	.29	.23	.17	.12	.11	.14		.10	.17	.26	.24	.20	.17	.20	.21	.21	.155	23	.33
19	.13	.10	.07	.04	.05	.06	.13	.23	.29	.26	.25	.22	.23	.22		.23	.28	.24	.18	.16	.13	.12	.11	.07	.164	23	.31
20	.04	.04	.03	.04	.07	.09	.12	.19	.25	.19	.11	.11	.10	.09			.11	.15	.09	.07	.07	.07	.08	.09	.099	22	.31
21*	.09	.06	.06	.03	.02	.02	.03	.05	.08	.09	.10	.11	.11	.10		.12	.14	.14	.12	.12	.15	.13	.16	.13	.091	23	.18
22*	.17	.15	.10	.10	.05	.06	.08	.11	.11	.10	.09	.08	.09	.10		.10	.11	.13	.13	.13	.13	.11	.10	.11	.105	23	.20
23	.09	.07	.07	.08	.10	.10	.18	.28	.26	.26	.21	.19	.15	.14		.18	.25	.27	.24	.25	.24	.26	.20	.16	.183	23	.29
24	.12	.09	.10	.08	.07	.09	.13	.24	.28	.27	.28	.24	.17	.14			.20	.23	.23	.17	.18	.17	.21	.23	.176	24	.30
25	.24	.20	.10	.08	.11	.15	.34	.64	.63	.70	.41	.25	.20			.13	.14	.23	.26	.34	.23	.17	.19	.15	.267	22	.80
26	.12	.07	.07	.05	.05	.07	.06	.06	.09	.09	.09	.11	.11	.13		.15	.17	.17	.16	.16	.16	.14	.19	.19	.115	23	.23
27	.13	.06	.04	.02	.01	.02	.03	.07	.11	.09	.09	.09	.08	.10		.12	.15	.22	.14	.11	.09	.08	.03	.06	.083	23	.24
28*	.09	.06	.03	.05	.06	.05	.06	.07	.09	.08	.09	.09	.09	.09		.09	.10	.10	.08	.06	.09	.07	.07	.08	.075	23	.11
29*	.06	.05	.05	.03	.03	.03	.03	.04	.06	.08	.09	.08	.13	.14		.15	.19	.20	.24	.22	.19	.18	.15	.14	.111	23	.25
30	.12	.08	.06	.06	.07	.08	.14	.48	.32	.31	.25	.23	.19	.15			.19	.16	.14	.16	.17	.18	.15	.14	.164	24	.34
MEAN	.11	.08	.07	.06	.06	.07	.11	.20	.21	.19	.15	.12	.11	.11		.13	.16	.20	.18	.19	.17	.16	.15	.14	.136		
NO.	30	30	30	30	30	30	30	30	30	30	28	27	28	29	1	22	28	30	30	30	30	30	30	30		679	
MAX.	.24	.20	.18	.19	.17	.18	.34	.64	.63	.70	.41	.25	.23	.22	.04	.23	.28	.36	.40	.40	.38	.30	.29	.30	.267		.80

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-24.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

NITRIC OXIDE
DEC. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.12	.11	.09	.08	.08	.09	.07	.13	.17	.15						.08	.13	.13	.13	.12	.12	.12	.12	.09	.106	19	.19
2	.9	.07	.06	.07	.06	.10	.15	.20	.20	.24	.20	.14	.15	.16		.11	.17	.16	.12	.14	.17	.15	.13	.11	.135	23	.27
3	.8	.05	.04	.03	.03	.04	.09	.16	.20	.21	.17	.18	.18	.16		.17	.22	.19	.18	.15	.16	.13	.11	.09	.131	23	.23
4	.6	.04	.03	.02	.02	.04	.05	.07	.08	.09		.09	.09			.07	.08	.06	.06	.05	.06	.06	.06	.09	.060	21	.12
5*	.8	.05	.06	.04	.05	.07	.10	.17	.21	.25	.25	.24	.24	.25		.21	.27	.25	.25	.22	.23	.22	.20	.28	.182	23	.30
6*	.26	.24	.19	.15	.13	.12	.12	.13	.16	.14	.15	.13	.10	.09		.08	.10	.14	.19	.17	.18	.17	.13	.10	.147	23	.29
7	.9	.08	.05	.05	.06	.06	.08	.13	.15	.14	.15					.15	.17	.13	.12	.11	.11	.13	.12	.11	.109	20	.18
8	.9	.07	.05	.05	.04	.03	.08	.13	.21	.23	.20	.21	.20	.17			.28	.30	.33	.26	.30	.24	.29	.18	.177	24	.35
9	.23	.36	.30	.13	.08	.08	.13	.24	.24	.23	.19	.13	.11	.11		.12	.15	.17	.16	.10	.08	.09	.12	.11	.198	23	.40
10	.10	.08	.07	.06	.06	.10	.20	.26	.35	.26	.24	.24	.22	.20		.18	.20	.19	.16	.18	.15	.11	.09	.11	.163	23	.48
11	.10	.09	.04	.04	.04	.05	.10	.18	.23	.21	.19	.18	.19	.13	.08	.05	.15	.18	.18	.16	.16	.18	.13	.14	.132	24	.25
12*	.11	.08	.06	.06	.05	.05	.07	.08	.11	.15	.19	.17	.15	.16	.14		.15	.17	.19	.21	.23	.20	.22	.25	.142	23	.28
13*	.24	.18	.15	.11	.07	.05	.04	.05	.06	.05	.05	.07	.05	.07	.06		.10	.12	.11	.13	.14	.14	.12	.10	.097	23	.28
14	.9	.08	.08	.07	.07	.05	.04	.05	.10	.13	.12	.12	.11	.10		.10		.12	.09	.08	.08	.10	.10	.08	.091	23	.14
15	.8	.05	.05	.05	.04	.05	.06	.18	.21	.26	.19	.16	.12	.09				.12	.06	.06	.06	.06	.06	.04	.098	21	.32
16	.4	.03	.02	.01	.01	.03	.06	.09	.11	.11	.10	.09	.09	.08		.09	.15	.14	.16	.16	.17	.18	.13	.10	.091	23	.20
17	.7	.04	.03	.03	.02	.02	.03	.07	.12	.12	.09	.10	.09								.12	.13	.13	.11	.077	17	.15
18	.11	.08	.06	.05	.04	.05	.05	.11	.17	.22	.23	.22	.17	.16			.19	.19	.16	.15	.16	.16	.15	.14	.137	22	.26
19*	.13	.12	.11	.08	.08	.08	.09	.10	.13	.17	.17	.20	.21	.16		.08	.11	.11	.11	.16	.14	.15	.14	.15	.129	23	.22
20*	.18	.14	.12	.08	.08	.08	.07	.09	.11	.12	.13	.13	.13	.08		.14	.15	.20	.23	.24	.20	.28	.23	.19	.149	23	.31
21	.18	.13	.13	.07	.09	.14	.15	.30	.33	.28	.19	.13	.14	.12		.11	.17	.19	.16	.14	.17	.17	.13	.11	.161	23	.35
22	.12	.13	.10	.09	.10	.12	.18	.22	.21	.20			.14	.13		.12	.15	.18	.12	.12	.12	.12	.14	.12	.139	21	.25
23	.10	.08	.07	.07	.06	.07	.10	.15	.21	.20	.16	.17	.19	.19			.15	.16	.14	.10	.12	.12	.13	.12	.129	24	.23
24	.11	.09	.09	.07	.08	.12	.13	.17	.28	.32			.13	.11		.15	.16	.15	.14	.13	.12	.09	.08	.08	.133	21	.35
25	.8	.05	.05	.04	.05	.05	.05	.06	.08	.09	.09	.07	.06	.09		.10	.11	.15	.11	.13	.14	.21	.18	.18	.095	23	.22
26*	.15	.10	.07	.04	.03	.03	.05	.08	.09	.09	.11	.17	.16	.19		.20	.23	.24	.26	.25	.25	.28	.27	.28	.156	23	.30
27*	.30	.30	.29	.20	.15	.15	.15	.11	.07	.06	.08	.11	.10	.11		.19	.25	.25	.27	.24	.21	.18	.18	.13	.177	23	.32
28	.11	.07	.04	.02	.03	.03	.06	.12	.14	.11	.12	.12	.13	.09		.11	.13	.12	.11	.10	.12	.10	.10	.12	.094	23	.19
29	.8	.08	.06	.05	.05	.07	.10	.17	.22	.21	.18	.17	.16	.20		.17	.18	.18	.15	.12	.15	.16	.16	.13	.140	23	.24
30																									.123	13	.36
31	.7	.06	.05	.05	.05	.08	.14	.28	.29	.17	.11	.11	.15														
MEAN	.12	.10	.09	.06	.06	.07	.09	.14	.18	.17	.15	.15	.14	.14		.13	.16	.17	.16	.15	.15	.15	.14	.13	.130		
NO.*	31	30	30	30	30	30	30	30	30	30	26	26	28	25	3	22	27	28	28	28	29	29	29	29		657	
MAX	.30	.36	.30	.20	.15	.15	.20	.30	.35	.32	.25	.24	.24	.25	.14	.21	.28	.30	.33	.26	.30	.28	.29	.28	.182		.48

TABULATED NOV., DEC. 2, 1968

* Indicates Saturday or Sunday
Local standard time used

Table 3-25.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

NITROGEN DIOXIDE
JAN. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.06	.05	.05	.06	.05	.07	.08	.08	.07	.06	.05	.06	.06	.06		.03	.05	.04	.04	.04	.04	.04	.04	.03	.053	24	.09
2	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03		.03	.03	.04			.04	.04	.04	.04	.04	.04	.03	.03	.032	22	.04
3	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03				.04	.04	.04	.04	.03	.03	.03	.028	21	.04
4*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04		.03	.04	.04	.04	.04	.04	.04	.04	.04	.035	22	.04
5*	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03					.04	.03	.03	.03	.03	.03	.032	23	.04
6	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.02		.03	.04	.04	.04	.04	.04	.04	.04	.03	.030	23	.04
7	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04		.03	.04	.04		.03	.04	.04	.04	.04	.04	.04	.04	.04	.036	22	.04
8	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04		.03	.04	.04	.04	.04	.04	.04	.04	.04	.033	23	.04
9	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.026	23	.03
10	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.04			.04	.04	.04	.04	.04	.04	.05	.05	.035	22	.05
11*	.04	.04	.04	.03	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04		.03	.04	.04	.04	.04	.03	.03	.03	.03	.035	23	.05
12*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04		.03	.04	.04	.04	.04	.04	.03	.03	.03	.032	23	.04
13	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04			.04	.04	.04	.04	.04	.04	.04	.04	.036	22	.05
14	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.04	.04	.06		.04	.05	.05	.05	.04	.05	.05	.05	.04	.044	23	.11
15	.04	.04	.05	.04	.05	.05	.05	.05	.06	.07	.05	.05	.05	.05				.05	.05	.05	.05	.05	.05	.05	.050	21	.07
16	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04		.03	.04	.04	.04	.03	.04	.03	.03	.03	.038	23	.05
17	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03		.03	.04	.05	.05	.05	.05	.04	.04	.04	.035	23	.05
18*	.04	.04	.03	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.05		.04	.05	.05	.05	.06	.06	.05	.06	.06	.044	23	.06
19*	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.03	.04	.04		.03	.04	.04	.04	.04	.03	.03	.03	.03	.040	23	.05
20	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	23	.04
21	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.05	.06			.06	.07	.06	.05	.06	.06	.05	.05	.045	22	.07
22	.05	.05	.04	.04	.04	.04	.04	.04	.05	.05	.04	.05	.05	.05		.04	.06	.05	.05	.05	.04	.04	.04	.03	.044	23	.06
23	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04		.03	.04	.04	.04	.04	.04	.03	.03	.02	.032	23	.04
24	.02	.02	.02	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.02	.02	.02	.02	.026	23	.04
25*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03				.03	.04	.03	.03	.03	.03	.03	.025	21	.04
26*	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.034	23	.04
27	.03	.03	.03	.03	.03	.04	.04	.04	.04	.05	.04	.03	.04	.04		.03	.04	.04	.04	.04	.04	.04	.04	.04	.037	23	.05
28	.03	.03	.03	.03	.03	.04	.04	.04	.05	.05	.06		.05			.05	.05	.05	.04	.04	.04	.04	.04	.04	.041	21	.06
29	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.04	.04	.04	.04	.04	.04	.04	.04	.035	22	.05
30	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.03	.04	.04	.03				.05	.06	.06	.06	.06	.06	.06	.042	21	.07
31	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.00	.04	.05	.04	.04	.03	.03	.03	.04	.04	.039	24	.06
MEAN	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.04	.04		.03	.04	.04	.04	.04	.04	.04	.04	.04	.036		
NO	31	31	31	31	31	31	31	31	31	31	29	30	31	30	1	21	27	31	31	31	31	31	31	31		696	
MAX	.06	.05	.05	.06	.05	.07	.08	.08	.07	.07	.06	.06	.06	.06	.00	.05	.06	.07	.06	.06	.06	.06	.06	.06	.053		.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-26.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

NITROGEN DIOXIDE
FEB. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF OBS	5-MIN MAX
1*	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.03		.03	.04	.05	.05	.05	.05	.05	.05	.05	.038	23	.05
2*	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06		.06	.06	.06	.06	.05	.05	.05	.05	.05	.052	23	.06
3	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03			.03	.03	.03	.03	.03	.04	.05	.05	.034	21	.05
4	.04	.04	.03	.03	.04	.04	.03	.04	.05	.05	.05		.05	.04			.04	.04	.04	.04	.04	.04	.04	.04	.040	21	.05
5	.04	.03	.03	.03	.03	.03	.04	.04	.05	.06	.07	.08	.07	.07			.07	.06	.06	.05	.05	.05	.05	.04	.049	22	.08
6	.04	.04	.04	.04	.04	.04	.04	.04	.04	.06	.05	.05	.06	.07		.05	.05	.03	.03	.03	.03	.03	.03	.03	.042	23	.07
7	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.03		.04	.04	.04	.04	.03	.03	.03	.03	.03	.033	23	.04
8*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.04	.04	.03	.03	.04	.03	.03	.04	.032	22	.04
9*	.04	.04	.04	.05	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05		.05	.05	.05	.05	.04	.04	.04	.04	.04	.046	23	.06
10	.04	.04	.03	.03	.03	.03	.04	.04	.04	.04	.04		.06	.05			.05	.05	.05	.05	.04	.04	.04	.04	.041	21	.07
11	.05	.05	.05	.05	.04	.04	.05	.05	.05	.06	.05	.05	.04	.04		.03	.04	.05	.05	.04	.05	.05	.04	.04	.046	23	.06
12	.04	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04		.03	.04	.04	.04	.04	.04	.04	.04	.04	.041	23	.06
13	.04	.03	.01	.03	.02	.03	.03	.03	.04	.04	.04	.04	.04	.04		.03	.04	.04	.04	.04	.04	.04	.04	.04	.035	23	.05
14	.04	.04	.04	.04	.04	.04	.05	.05	.09	.08	.06	.05	.05	.06			.05	.06	.06	.06	.06	.06	.05	.05	.054	24	.09
15*	.06	.06	.06	.06	.06	.05	.05	.05	.04	.04	.05	.07	.07	.07		.05	.05	.05	.04	.04	.04	.04	.04	.05	.051	23	.08
16*	.04	.05	.04	.04	.04	.04	.03	.04	.04	.04	.04	.03	.04	.05		.04	.04	.04	.04	.05	.06	.05	.05	.05	.043	23	.06
17	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.05	.04	.04	.05			.06	.06	.06	.05	.05	.05	.04	.04	.049	24	.06
18	.04	.05	.04	.04	.04	.05	.05	.06	.04	.04		.05	.06				.04	.04	.04	.04	.04	.04	.04	.03	.043	20	.06
19	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04			.03	.03	.03	.03	.03	.03	.03	.03	.033	22	.04
20	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.05	.04		.04	.04	.04	.04	.04	.04	.04	.04	.03	.036	23	.06
21	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.03	.03		.04	.04	.04	.04	.04	.04	.04	.04	.04	.036	23	.04
22*	.04	.03	.03	.03	.04	.04	.04	.05	.05	.05	.04						.03	.03	.04	.04	.04	.04	.04	.04	.038	19	.05
23*	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.025	22	.04
24	.02	.02	.02	.02	.02	.02	.02	.03	.04	.03	.03	.03	.02		.01	.02	.02	.02	.03	.03	.03	.02	.02	.02	.023	23	.04
25	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02						.03	.04	.04	.04	.04	.04	.03	.03	.03	.028	19	.04
26	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.03	.03		.03	.04	.05	.04	.04	.04	.04	.04	.04	.036	23	.05
27	.04	.04	.04	.04	.04	.04	.05	.06	.05	.04	.04	.03	.03	.04		.04	.05	.05	.05	.06	.06	.06	.05	.05	.045	23	.07
28	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03							.03	.03	.03	.03	.03	.02	.036	18	.05
29*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.03	.02			.01	.01	.01	.01	.01	.01	.01	.01	.017	21	.03
MEAN	.04	.04	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.04	.039		
NO	29	29	29	29	29	29	29	29	29	29	26	24	26	24	1	16	28	28	29	29	29	29	29	29		631	
MAX	.06	.06	.06	.06	.06	.05	.05	.05	.09	.08	.07	.08	.07	.07	.01	.06	.07	.06	.06	.06	.06	.06	.06	.05	.054		.09

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV. DEC. 29 1968

Table 3-27.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1*	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.019	24	.02
2	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03				.06		.03	.03	.03	.03	.03	.03	.02	.02	.02	.026	20	.08
3	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02								.04	.04	.04	.03	.04	.04	.04	.027	17	.04
4	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04		.04		.04	.03	.03	.04	.04	.05	.05	.036	22	.05
5	.05	.06	.05	.05	.05	.05	.05	.06	.07	.07	.06	.06				.03	.04	.04	.05	.06	.06	.06	.06	.06	.055	21	.07
6	.06	.07	.06	.06	.06	.05	.06	.06	.06	.05	.05	.04	.04	.05		.04	.04	.04	.04	.04	.04	.04	.04	.04	.049	23	.07
7*	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.07	.07	.06	.05		.04	.05	.04	.04	.05	.05	.05	.05	.05	.047	23	.08
8*	.05	.05	.04	.04	.04	.04	.03	.03	.03	.04	.04	.04	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.04	.040	23	.05
9	.04	.04	.04	.03	.03	.04	.04	.04	.05	.05	.05					.05	.05	.05	.05	.05	.05	.05	.04	.04	.043	20	.05
10	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04			.04	.04	.04	.04	.04	.04	.04	.04	.037	22	.04
11	.04	.05	.05	.05	.04	.04	.05	.05	.05	.05	.06	.05	.05	.05			.05	.05	.05	.05	.05	.05	.05	.05	.048	24	.06
12	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.04	.04			.04	.04	.04	.04	.04	.04	.04	.04	.041	22	.05
13	.04	.04	.03	.04	.03	.04	.04	.04	.04	.04	.05			.05			.05	.06	.06	.06	.06	.06	.06	.05	.047	20	.06
14*	.5	.05	.04	.04	.04	.04	.04	.05	.05					.04			.03	.03	.03	.03	.03	.03	.03	.03	.038	18	.05
15*	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03			.04	.04	.04	.04	.04	.04	.04	.05	.036	22	.05
16	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.04			.03	.03	.03	.03	.03	.03	.03	.03	.039	24	.05
17	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03					.04	.04	.04	.04	.03	.03	.03	.03	.034	20	.04
18	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.04	.04	.03	.04		.03	.04	.04	.04	.04	.04	.04	.04	.04	.036	23	.05
19	.04	.03	.03	.03	.03	.03	.03	.03	.04							.05	.04	.04	.04	.05	.05	.04	.04	.04	.037	18	.05
20	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04				.04	.04	.04	.04	.04	.04	.04	.037	21	.04
21*	.03	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.05	.04											.036	14	.05
22*																											
23	.04	.03	.04	.03	.03	.03	.03	.04	.05	.05	.05		.07	.05			.05	.05	.05	.05	.05	.05	.05	.04	.044	21	.10
24	.04	.04	.04	.04	.04	.04	.03	.03	.04	.04	.04			.03		.04	.04	.04	.04	.04	.05	.05	.05	.05	.040	21	.06
25	.06	.06	.06	.07	.07						.05	.06	.06	.05			.04	.04	.04	.04	.04	.04	.04	.04	.050	17	.08
26	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04		.04			.05	.05	.04	.05	.05	.05	.040	21	.05
27	.05	.05	.06	.06	.07	.07	.07	.08	.09	.11	.11			.04		.05	.06	.05	.05	.05	.05	.05	.05	.05	.062	21	.12
28*	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.06	.05	.06	.05			.04	.04	.04	.04	.04	.04	.04	.04	.043	22	.07
29*																											
30																											
31																											
MEAN	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04			.04	.04	.04	.04	.04	.04	.04	.04	.040		
NO	27	27	27	27	27	26	26	26	26	24	23	18	17	22		12	22	25	26	26	26	26	26	26		558	
MAX	.06	.07	.06	.07	.07	.07	.07	.08	.09	.11	.11	.07	.07	.06		.05	.06	.06	.06	.06	.06	.06	.06	.06	.062		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-28.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.04	.04	.03	.03	.03	.04	.04	.05	.05					.05		.06	.06	.06	.06	.06	.07	.06	.05	.06	.049	19	.07
2	.05	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.04	.04	.04		.04	.04	.03	.03	.03	.03	.03	.03	.03	.039	23	.06
3	.03	.04	.03	.03	.03	.03	.04	.05	.05	.05	.05		.04	.04			.04	.04	.04	.04	.04	.04	.04	.04	.039	21	.05
4*	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04		.04	.04	.05	.04	.04	.04	.04	.04	.04	.037	23	.05
5*	.04	.04	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.04	.04	.04	.04	.04	.04	.04	.03	.03	.034	23	.04
6	.03	.03	.03	.02	.04	.03	.03	.03	.04	.05	.06	.06	.06	.07			.05	.05	.05	.04	.04	.04	.04	.03	.040	22	.07
7	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05		.03			.03	.03	.04	.04	.03	.03	.03	.03	.03	.033	21	.05
8	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.04	.04	.04				.05	.05	.05	.05	.05	.04	.04	.039	21	.05
9	.04	.04	.04	.04	.04	.05	.05	.07	.07	.06	.06	.06	.05	.04		.04	.04	.04	.04	.04	.04	.04	.04	.04	.046	23	.07
10	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.05		.05	.05	.04	.04	.03	.03	.04	.04	.04	.038	24	.05
11*	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.05	.04	.05	.05		.06	.05	.05	.05	.06	.06	.06	.06	.06	.045	23	.08
12*	.06	.04	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04		.05	.05	.05	.05	.05	.06	.04	.04	.03	.045	23	.06
13	.03	.02	.02	.03	.02	.03	.03	.03	.04	.03	.04		.04	.04		.03	.03	.04	.04	.04	.04	.04	.04	.04	.034	22	.05
14	.04	.03	.03	.04	.04	.03	.04	.04	.04	.04	.04	.04	.04	.04		.03	.05	.05	.05	.04	.05	.04	.04	.04	.040	23	.05
15	.04	.03	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.05		.04	.05	.06	.05	.05	.05	.06	.05	.05	.043	24	.06
16	.05	.04	.05	.04	.04	.05	.05	.05	.05	.04	.05	.07	.07	.06		.04	.05	.05	.04	.04	.04	.04	.04	.04	.047	24	.08
17	.04	.04	.04	.04	.04	.04	.03	.04	.04	.04	.04	.05	.05	.05		.03	.04	.03	.04	.03	.03	.03	.03	.02	.037	24	.06
18*	.02	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.03			.02	.02	.02	.02	.02	.02	.02	.02	.023	24	.04
19*	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.03	.02	.03	.02	.02	.02	.02	.020	24	.03
20	.02	.02	.02	.01	.01	.02	.01	.02	.02	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.02	.02	.02	.024	23	.04
21	.02	.02	.02	.02	.01	.01	.02	.02	.03	.04	.04	.04	.04	.03		.04	.03	.03	.02	.02	.02	.02	.03	.03	.025	24	.05
22	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04	.03		.04	.03	.03	.03	.03	.04	.04	.04	.04	.030	23	.04
23	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04	.03				.02	.02	.03	.03	.03	.03	.03	.030	21	.05
24	.03	.03	.02	.02	.02	.02	.03	.03	.04	.04				.03		.03	.03	.03	.03	.03	.02	.02	.02	.02	.028	20	.05
25*	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.05	.03	.04	.06				.06	.06	.05	.05	.04	.04	.04	.036	21	.07
26*	.04	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05		.05	.05	.05	.05	.04	.04	.04	.04	.04	.040	23	.05
27	.02	.02	.02	.03	.03	.02	.02	.03	.03	.03	.04			.03		.03	.03	.04	.04	.04	.03	.03	.05	.05	.030	21	.05
28	.05	.03	.04										.05	.04			.07	.06	.06	.06	.06	.08	.07	.07	.056	18	.09
29	.06	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.04	.05		.03	.03	.02	.02	.02	.02	.02	.03	.03	.038	23	.07
30	.03	.03	.03	.02	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04		.03	.03	.03	.03	.03	.03	.03	.03	.03	.032	24	.05
MEAN	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.04	.036		
NO.	30	30	30	29	29	29	29	29	29	28	27	23	27	29		23	27	30	30	30	30	30	30	30		658	
MAX.	.06	.04	.05	.05	.05	.05	.05	.07	.07	.06	.06	.07	.07	.07		.06	.07	.06	.06	.06	.07	.06	.08	.07	.056		.09

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-29.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.05	.05	.05	.06											.037	14	.07
2*																											
3*	.06	.05	.05	.05	.04	.04	.04	.04	.04	.05	.06	.07	.06	.07		.07	.05	.05	.05	.05	.05	.05	.04	.04	.050	23	.09
4	.05	.05	.03	.02	.03	.03	.03	.04	.06	.06	.06	.05	.07	.05		.05	.05	.06	.05	.05	.05	.05	.04	.04	.046	24	.12
5	.04	.02	.02	.03	.03	.03	.04	.05	.05	.05	.05	.05	.05	.05			.06	.06	.07	.05	.05	.05	.05	.05	.044	22	.11
6	.04	.03	.03	.03	.03	.04	.04	.05		.06	.05	.05	.05	.06			.05	.05	.05	.05	.05	.05	.05	.05	.045	21	.07
7	.04	.04	.03	.03	.03	.04	.04	.06		.07	.07	.06	.07	.06			.05	.05	.05	.04	.04	.04	.04	.04	.046	21	.10
8	.03	.03	.03	.03	.03	.03	.04	.04	.04		.05	.05	.05	.04		.04	.05	.04	.03	.03	.03	.04	.05	.04	.038	22	.06
9*	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04	.04	.04	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.04	.034	23	.05
10*	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.04	.04	.04	.05		.04	.04	.04	.04	.04	.04	.04	.04	.04	.037	24	.05
11	.04	.04	.04	.04	.04	.04	.06	.06	.08	.09	.07	.10	.15	.17		.11	.10	.12	.12	.14	.12	.09	.08	.07	.085	23	.17
12	.06	.05	.04	.05	.05	.06	.06	.06	.06	.05	.06	.07	.07	.08		.08	.08	.07	.07	.06	.05	.05	.05	.04	.058	23	.08
13	.04	.04	.04	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.032	22	.05
14	.03	.03	.02	.02	.02	.03	.03	.05	.05	.04	.05	.04	.04	.05		.05	.05	.05	.05	.05	.05	.04	.03	.04	.040	23	.06
15	.04	.03	.03	.03	.04	.04	.04	.05	.06	.06	.06	.06	.06	.05		.05	.05	.05	.05	.05	.05	.04	.04	.04	.046	24	.08
16*	.04	.03	.03	.03	.03	.02	.03	.03	.03	.04	.05	.05	.06			.06	.05	.05	.04						.040	17	.07
17*																											
18	.07	.06	.05	.04	.04	.04	.04	.04	.05	.05	.05						.06	.05	.04	.04	.05	.05	.06	.05	.047	19	.07
19	.04	.04	.04	.04	.06	.07	.09	.09	.09								.06	.05	.05	.04	.03	.02	.02	.02	.050	17	.09
20	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04		.03					.02	.02			.026	17	.05
21																											
22	.06	.05	.05	.04	.04	.04	.04	.05	.07	.08	.08	.06	.05	.06		.06	.06	.06	.06	.06	.06	.05	.04	.04	.054	23	.08
23*	.04	.04	.03	.03	.03	.03	.03	.03	.04	.05	.05	.04	.05	.04		.04	.05	.05	.05	.05	.05	.06	.04	.04	.042	23	.06
24*	.04	.05	.03	.03	.03	.03	.04	.05	.04	.04	.04	.03	.04	.04			.04	.04	.04	.04	.04	.03	.03	.03	.037	22	.05
25	.03	.03	.03	.02	.04	.03	.04	.07	.09	.09	.08	.09	.08	.08		.05	.06	.05	.05	.05	.06	.06	.05	.06	.054	23	.12
26	.06	.04	.04	.04	.04	.04	.04	.04	.05	.06	.05	.05	.04	.05		.05	.05	.04	.05	.04	.04	.04	.03	.04	.044	23	.07
27	.04	.03	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.05	.05		.02	.05	.04	.04	.04	.04	.03	.03	.03	.038	23	.08
28	.03	.03	.02	.02	.02	.02	.03	.03	.04	.05	.05	.04					.03	.03	.03	.03	.03	.03	.03	.03	.031	20	.06
29	.03	.02	.02	.02	.02	.02	.03	.03	.03		.04	.04	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.028	22	.04
30*	.03	.02	.02	.02	.02	.02	.02	.02			.03	.03	.03	.03		.03	.03	.04	.03	.03	.03	.04	.03	.04	.028	21	.08
31*	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.04	.03	.04	.04			.05	.04	.04	.04	.04	.03	.03	.03	.033	24	.05
MEAN	.04	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.05	.05	.05		.05	.05	.05	.05	.05	.04	.04	.04	.04	.043		
NO.	28	28	28	28	28	28	28	28	25	23	27	26	25	24		19	26	26	26	25	26	26	25	25		598	
MAX.	.07	.06	.05	.05	.06	.07	.09	.09	.09	.09	.08	.10	.15	.17		.11	.10	.12	.12	.14	.12	.09	.08	.07	.085		.17

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-30.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JUNE 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04			.04	.04	.04	.04	.04	.04	.03	.03	.03	.035	24	.05
2	.03	.04	.04	.04	.04	.04	.05	.07	.06		.05	.05	.06	.06		.06	.06	.06	.06	.06	.06	.06	.05	.05	.052	22	.07
3	.04	.04	.04	.04	.04	.04	.04		.06	.06	.06	.06	.06	.07		.05	.06	.06	.06	.06	.06	.05	.06	.06	.052	24	.07
4	.05	.05	.05	.04	.04	.05	.06	.09	.09	.08	.08	.07				.06	.08	.07	.07	.06	.06	.05	.05	.05	.062	21	.10
5	.05	.05	.04	.04	.04	.04	.04	.05	.06	.07	.07	.08	.09	.10				.07	.07	.07	.07	.08	.08	.07	.063	21	.10
6*	.07	.06	.05	.05	.04	.04	.04	.05	.06	.06	.06	.07	.07	.07			.08	.08	.08	.07	.06	.07	.06	.06	.061	24	.08
7*	.06	.06	.05	.05	.04	.04	.05	.06	.07	.09	.09	.09	.10	.11		.14	.15	.15	.15	.12	.10	.08	.07	.07	.086	23	.17
8	.07	.07	.05	.05	.05	.06	.07	.08	.09	.08	.09	.09	.10	.10		.09	.10	.08	.08	.07	.07	.07	.06	.05	.075	23	.12
9	.05	.05	.05	.04	.04	.04	.05	.06	.06	.07	.06	.06	.06	.06			.02	.02	.01	.01	.02	.01	.02	.01	.039	24	.07
10	.01	.00	.00	.00	.00	.00	.01	.01			.03	.03	.03	.04	.04		.04	.04	.04	.04	.04	.04	.05	.05	.026	21	.05
11	.04	.04	.04	.04	.04	.03	.03	.03	.04	.05	.05	.06	.07	.07		.08	.09	.08	.08	.08	.07	.07	.07	.07	.057	23	.09
12	.06	.05	.05	.04	.05	.06	.07	.07	.09	.09	.08	.07	.07	.07		.09	.10	.09	.08	.08	.08	.07	.07	.06	.072	23	.10
13*	.06	.05	.04	.04	.04	.04	.05	.07	.09	.09	.08	.09	.09	.07		.12	.14	.15	.16	.13	.11	.08	.07	.06	.082	23	.16
14*	.06	.06	.05	.06	.06	.05	.06	.06	.06	.07	.06	.06	.07	.08		.08	.08	.08	.07	.07	.07	.06	.05	.05	.063	23	.09
15	.05	.05	.04	.04	.04	.05	.06	.07	.06	.06	.07	.06	.08	.08		.06	.04	.04	.04	.04	.05	.04	.04	.04	.052	23	.09
16	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.05	.05		.06	.05	.04	.04	.04	.04	.04	.04	.04	.039	23	.08
17	.04	.04	.04	.04	.04	.06	.06	.06	.07	.09	.09	.10	.07				.07	.09	.08	.07	.07	.07	.06	.05	.064	21	.12
18	.04	.03	.03	.03	.03	.04	.04	.05	.06	.05	.06	.07					.06	.05	.05	.04	.04	.04	.03	.03	.044	20	.08
19	.03	.03	.02	.02	.02	.02	.03	.05	.06	.06							.06	.06	.06	.05	.05	.05	.05	.05	.042	18	.07
20*	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04	.08	.09	.09	.11		.12	.14	.12	.12	.14	.13	.13	.12	.12	.079	23	.14
21*	.10	.10	.11	.10	.08	.07	.07	.07	.05	.06	.07	.09	.09	.13			.12	.15	.15	.12	.11	.10	.10	.09	.096	24	.17
22	.08	.06	.06	.06	.05	.07	.09	.10	.10	.10	.11	.12	.08				.11	.09	.08	.06	.05	.05	.04	.03	.074	21	.13
23																											
24	.02	.01	.02	.01	.02	.02	.03	.04	.04	.04	.05	.07	.09	.09			.07	.06	.07	.07	.09	.09	.08	.09	.053	24	.10
25	.12	.13	.10	.08	.06	.07	.12	.17	.13	.10			.09	.10	.03		.09	.07	.08	.08	.09	.09	.08	.07	.092	21	.18
26	.07	.06	.05	.05	.05	.05	.07	.09	.11	.10	.09					.09	.09	.08	.08	.09	.08	.08	.08	.07	.077	20	.15
27*	.07	.06	.06	.05	.05	.06	.07	.09	.10	.11	.11	.13	.13	.12		.12	.11	.10	.11	.11	.12	.12	.12	.12	.097	23	.14
28*	.12	.12	.11	.11	.10	.08	.10	.09	.11	.13	.14	.14	.12	.17		.16	.17	.15	.14	.12	.10	.11	.10	.08	.119	23	.19
29	.10	.09	.08	.07	.07	.09	.10	.12	.11	.11	.10	.09	.08			.11	.11	.10	.10	.09	.10	.09	.09	.08	.093	22	.13
30	.08	.06	.05	.06	.07	.08	.11	.14	.16	.13	.11	.14	.12	.12		.10	.10	.09	.06	.06	.07	.07	.06	.07	.091	23	.18
MEAN	.06	.05	.05	.05	.04	.05	.06	.07	.07	.08	.07	.08	.08	.09		.09	.09	.08	.08	.07	.07	.07	.06	.06	.067		
NO	29	29	29	29	29	29	29	28	28	27	27	26	25	21	2	18	28	29	29	29	29	29	29	29		636	
MAX	.12	.13	.11	.11	.10	.09	.12	.17	.16	.13	.14	.14	.13	.17	.04	.16	.17	.15	.16	.14	.13	.13	.12	.12	.119		.19

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-31.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX.
1	.07	.05	.04	.05	.05	.05	.07	.09	.10	.10		.08	.07	.08		.08	.08	.07	.06	.06	.07	.08	.08	.07	.071	22	.11
2	.06	.06	.05	.04	.05	.05	.07	.08	.09	.08		.10	.11	.11			.10	.09	.10	.11	.09	.09	.08	.08	.080	21	.12
3	.07	.06	.06	.05	.05	.07	.08	.10	.09	.08	.07	.07	.08	.08		.07	.06	.06	.05	.05	.04	.04	.04	.03	.063	23	.11
4*	.03	.03	.03	.03	.02	.02	.03	.03	.03	.04	.04	.04	.04	.04		.04	.05	.05	.05	.05	.04	.04	.04	.04	.037	23	.05
5*	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.05	.04	.05		.05	.05	.05	.05	.05	.05	.05	.05	.05	.042	23	.05
6	.05	.05	.04	.05	.06	.05	.06	.07	.07	.07	.06	.07	.07	.06			.07	.06	.06	.06	.05	.05	.05	.05	.057	24	.08
7																											
8	.05	.05	.05	.04	.04	.05	.05	.05	.06	.07	.07	.07	.07	.08		.07	.08	.08	.07	.07	.07	.07	.07	.06	.062	23	.09
9	.05	.04	.03	.03	.04	.05	.05	.05	.06	.06	.06	.07	.08	.09		.11	.10	.09	.09	.08	.07	.07	.07	.06	.066	23	.11
10	.06	.05	.05	.05	.05	.06	.08	.07	.08	.08	.09	.09	.10	.09		.09	.09	.08	.08	.08	.08	.08	.08	.08	.076	23	.10
11*	.07	.07	.06	.05	.06	.08	.06	.07	.07			.08	.09	.08			.06	.08	.06	.07	.07	.07	.07	.05	.069	20	.10
12*																											
13																											
14																											
15																											
16	.05	.04	.06	.05	.05	.05	.06	.08	.10	.12	.13	.11	.08	.08		.10	.08	.08	.07	.06	.07	.07	.06	.06	.075	23	.14
17	.07	.05	.05	.05	.05	.06	.07	.09	.09	.10	.09	.08	.08	.08		.09	.08	.07	.06	.07	.06	.06	.06	.05	.069	23	.10
18*	.06	.05	.04	.05	.05	.05	.05	.06	.06	.06	.06	.06	.07	.07		.11	.10	.09	.08	.08	.06	.06	.07	.06	.065	23	.12
19*	.06	.05	.05	.05	.05	.05	.06	.08	.10	.10	.09	.08	.07	.06		.09	.09	.11	.10	.09	.08	.07	.06	.06	.074	23	.12
20	.06	.05	.04	.04	.05	.06	.08	.09	.09	.11	.11	.08	.07	.08		.09	.08	.07	.08	.07	.07	.07	.06	.05	.071	23	.13
21	.08	.05	.05	.05	.07	.06	.08	.10	.12	.11	.10	.10	.12	.12		.11	.13	.13	.13	.14	.12	.11	.09	.06	.096	23	.18
22	.06	.05	.05	.05	.05	.06	.10	.16			.11	.10	.09	.10			.14	.12	.10	.10	.12	.13	.15	.14	.098	20	.19
23	.09	.09	.07	.06	.06	.07	.08	.09	.09			.07	.08	.08		.08	.10	.09	.10	.10	.09	.09	.09	.09	.083	21	.11
24	.08	.05	.05	.06	.07	.07	.09	.13	.18	.14	.10	.09	.11	.12		.11	.09	.10	.10	.09	.09	.07	.07	.07	.092	23	.19
25*	.06	.06	.05	.04	.04	.05	.04	.06	.07	.10	.12	.10	.08	.07		.06	.07	.07	.07	.07	.07	.07	.06	.06	.066	23	.14
26*	.06	.06	.05	.05	.05	.05	.05	.05	.06	.06	.07	.08	.07	.07		.06	.06	.07	.07	.07	.07	.06	.07	.09	.062	23	.10
27	.09	.09	.09	.08	.08	.09	.13	.14	.14	.14		.09	.09	.08		.08	.09	.07	.06	.07	.08	.06	.06	.06	.089	22	.15
28	.06	.06	.05	.05	.05	.06	.08	.13	.10	.11	.09	.07	.07	.08		.07	.07	.07	.06	.06	.07	.06	.06	.05	.070	23	.15
29	.05	.04	.03	.03	.02	.03	.03	.04	.04					.04		.04	.04	.04	.04	.04	.03	.03	.03	.03	.035	19	.05
30	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.05	.05	.05	.05		.04	.04	.04	.05	.05	.06	.05	.05	.05	.041	23	.06
31	.04	.03	.03	.03	.03	.05	.05	.05	.06	.07	.07	.07	.07	.08		.08	.09	.08	.08	.09	.08	.08	.08	.07	.062	23	.09
MEAN	.06	.05	.05	.05	.05	.05	.06	.08	.08	.08	.08	.08	.08	.08		.08	.08	.08	.07	.07	.07	.07	.07	.06	.068		
NO	25	26	26	26	25	26	26	26	25	22	20	25	25	26		22	26	26	26	26	26	26	26	26		581	
MAX	.09	.09	.09	.08	.08	.09	.13	.16	.18	.14	.13	.11	.12	.12		.11	.14	.13	.13	.14	.12	.13	.15	.14	.098		.19

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-32.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
AUG. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.06	.06	.07	.06	.06	.06	.06	.07	.08	.08	.08	.07	.05	.05		.06	.06	.06	.06	.06	.06	.06	.06	.05	.062	23	.09
2*	.05	.03	.03	.03	.03	.03	.03	.05	.07	.08	.06	.03	.04	.04		.05	.04	.05	.05	.05	.05	.05	.04	.04	.044	23	.08
3	.03	.03	.02	.02	.03	.03	.05	.06	.08	.09	.12	.11	.08	.09		.08	.08	.11	.11	.10	.09	.07	.07	.06	.070	23	.15
4	.05	.04	.03	.03	.03	.05	.06	.07	.07		.07	.07	.06	.08			.09	.09	.08	.07	.07	.07	.06	.05	.060	21	.09
5	.05	.04	.03	.03	.02	.03	.03	.03	.04	.04	.05	.04	.04	.04		.05	.05	.04	.03	.04	.04	.04	.03	.04	.038	23	.05
6	.04	.04	.03	.03	.05	.06	.06	.07	.09	.09	.08	.09	.08	.09		.10	.09	.09	.09	.09	.09	.09	.08	.07	.073	23	.10
7	.07	.07	.06	.05	.06	.06	.08	.10					.07	.07		.07	.07	.06	.06	.06	.06	.05	.05	.05	.064	19	.10
8*	.04	.04	.04	.03	.03	.04	.04	.05	.05	.05	.06	.06	.06	.05		.05	.05	.04	.04	.04	.04	.04	.04	.04	.044	23	.07
9*	.04	.04	.04	.04	.03	.04	.04	.04	.03	.03	.03	.04	.04	.06		.06	.06	.05	.06	.06	.06	.06	.06	.07	.046	23	.07
10	.06	.06	.06	.05	.04	.06	.06	.06	.08	.08	.10	.09					.10	.08	.06	.07	.07	.07	.06	.05	.067	20	.11
11	.04	.04	.03	.03	.03	.03	.04	.04	.04	.04				.03		.03	.03	.03	.02	.02	.02	.02	.02	.02	.030	20	.05
12	.02	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04		.03	.03	.03	.03	.03	.03	.03	.02		.026	23	.04
13	.02	.02	.02	.02	.03	.03	.03	.04	.04	.04	.04	.04	.04			.05	.05	.04	.04	.03	.03	.03	.04		.033	22	.06
14	.05	.04	.04	.04	.03	.03	.05	.07	.08	.07	.05	.06	.06	.06		.05	.07	.09	.09	.10	.09	.08	.06	.05	.060	23	.10
15*	.07	.07	.06	.07	.06	.06	.07	.08	.07	.06	.06	.07	.07	.06		.06	.07	.07	.07	.07	.07	.06	.06	.06	.066	23	.08
16*	.05	.05	.05	.05	.05	.05	.06	.06	.06	.07	.06	.05	.07	.07		.08	.06	.05	.05	.06	.06	.06	.06	.06	.058	23	.10
17	.05	.05	.04	.04	.04	.04	.05	.07	.09	.08	.08	.06	.05	.05			.05	.06	.06	.06	.05	.05	.05	.05	.054	22	.09
18	.05	.03	.02	.02	.02	.03	.03	.03	.03		.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03		.030	22	.06
19	.03	.02	.02	.02	.02	.02	.02	.03	.02	.02	.03	.03	.04	.05		.05	.05	.05	.05	.05	.04	.04	.05	.05	.035	23	.06
20	.05	.04	.03	.04	.03	.03	.04	.05	.08	.08	.09	.10	.10	.08			.09	.08	.06	.07	.07	.05	.05	.04	.060	24	.10
21	.04	.02	.02	.02	.03	.03	.04	.04	.04	.04	.03	.03	.03	.04			.05	.05	.05	.05	.05	.05	.05	.05	.038	24	.06
22*	.04	.04	.04	.04	.04	.03	.04	.07	.07	.04						.04	.04	.03	.02	.02	.02	.02	.02	.02	.035	19	.09
23*	.02	.02	.02	.01	.01	.01	.02	.02	.02	.03	.02	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.024	22	.03
24	.03	.03	.02	.02	.02	.03	.04	.06	.06	.05	.04	.04	.04	.04			.05	.05	.05	.05	.04	.04	.04	.04	.039	22	.07
25	.03	.03	.03	.02	.02	.02	.03	.03	.03		.04	.04	.04	.04		.04	.04	.03	.03	.03	.03	.04	.04	.04	.032	24	.04
26	.04	.03	.03	.03	.03	.04	.06	.09	.10	.07	.06	.06	.07	.07		.07	.07	.07	.07	.06	.05	.06	.06	.06	.060	23	.11
27	.06	.05	.04	.04	.03	.04	.05	.06	.07	.06	.06	.05	.04	.04		.05	.05	.04	.04	.04	.04	.04	.04	.04	.046	23	.11
28	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.032	23	.05
29*	.04	.04	.04	.04	.04	.04	.05	.07	.13	.11	.08	.06	.05	.05		.06	.06	.07	.06	.05	.05	.04	.04	.04	.057	23	.15
30*	.04	.04	.03	.03	.02	.01	.03	.03	.04	.04	.03	.03	.03	.03			.47	.04	.01	.00	.00	.00	.00	.00	.043	22	.79
31																											
MEAN	.04	.04	.03	.03	.03	.04	.04	.05	.06	.06	.06	.05	.05	.05		.05	.07	.05	.05	.05	.05	.05	.04		.047		
NO.	30	30	30	30	30	30	30	30	29	26	27	27	27	27		22	30	30	30	30	30	30	30			665	
MAX.	.07	.07	.07	.07	.06	.06	.08	.10	.13	.11	.12	.11	.10	.09		.10	.47	.11	.11	.10	.09	.09	.08	.07	.073		.79

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-33.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1																											
2																											
3																											
4																											
5*																											
6*																											
7																											
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*																											
20*																											
21																											
22																											
23																											
24																											
25	.02	.02	.02	.02	.02	.03	.03	.05	.07	.05	.04	.03	.04	.04		.05	.06	.06	.05	.05	.05	.04	.04	.03	.039	23	.08
26*	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.03	.03		.03	.03	.03	.03	.03	.04	.04	.03	.03	.029	23	.04
27*	.02	.02	.02	.01	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.02	.025	23	.03
28	.02	.02	.02	.02	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03		.04	.04	.04	.04	.04	.04	.04	.04	.04	.031	23	.04
29	.04	.04	.03	.04	.05	.06	.06	.05	.06	.06		.08	.06	.06			.08	.08	.08	.08	.07	.06	.08	.09	.062	21	.09
30	.09	.10	.11	.11	.10	.09	.06	.06	.05	.05			.06	.05		.05	.06	.06	.06	.05	.05	.05	.04	.05	.066	21	.11
MEAN																											
NO	4	6	6	6	5	6	6	6	6	6	4	5	6	6		5	6	6	6	6	6	6	6	6		139	
MAX	.09	.10	.11	.11	.10	.09	.06	.06	.07	.06	.04	.08	.06	.06		.05	.08	.08	.08	.08	.07	.06	.08	.09	.066		.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV. DEC. 2, 1968

Table 3-34.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

NITROGEN DIOXIDE
OCT. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.05	.04	.03	.04	.04	.04	.04	.05	.06	.06	.06	.07	.07	.07		.09	.09	.08	.09	.08	.07	.07	.06	.05	.059	23	.09
2	.04	.04	.04	.03	.03	.03	.04	.04	.05	.05	.04					.04	.04	.04	.04	.04	.04	.04	.04	.04	.039	20	.05
3*	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04		.05	.05	.05	.05	.05	.05	.05	.04	.03	.041	23	.06
4*	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.02	.03	.03	.03	.03	.028	23	.03
5	.03	.02	.02	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.02	.029	24	.04
6	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04	.04	.03					.04	.03	.03	.03	.03	.03	.03	.03	.030	20	.04
7	.04	.04	.04	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04	.05			.06	.05	.05	.04	.04	.04	.04	.04	.041	22	.06
8	.04	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03			.03	.03	.02	.03	.03	.03	.03	.03	.033	22	.04
9	.02	.02	.02	.02	.03	.03	.03	.04	.04	.04	.04	.03	.03	.04	.02		.03	.03	.03	.03	.03	.04	.04	.03	.031	23	.04
10*	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.04	.04	.04	.04		.04									.038	19	.05
11*																											
12	.06	.06	.06	.05	.06	.05	.06	.06	.06	.07	.09	.09	.08	.09		.12	.11	.11	.10	.10	.09	.09	.09	.11	.081	23	.13
13	.11	.10	.04	.06	.07	.05	.05	.10	.14	.14	.15	.17		.10			.08	.07	.07	.07	.07	.07	.07	.08	.097	21	.20
14	.06	.07	.05	.04	.10	.10	.10	.15	.11	.14	.10	.12					.08	.09	.07	.06	.06	.06	.06	.09	.090	20	.20
15	.09	.09	.06	.07	.08	.07	.08	.10	.15	.19	.18	.20	.15	.13		.10	.09	.08	.07	.07	.07	.07	.09	.10	.105	23	.21
16	.12	.12	.12	.13	.12	.12	.13	.16	.19	.29	.33	.21	.14	.16		.13	.13	.13	.12	.12	.11	.12	.13	.13	.152	23	.39
17*	.11	.11	.09	.09	.09	.07	.07	.09	.09	.06	.08	.09	.07	.07		.09	.08	.09	.09	.08	.08	.08	.06	.05	.082	23	.11
18*	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.05		.06	.06	.05	.05	.04	.04	.04	.03	.03	.038	23	.06
19	.03	.03	.02	.03	.03	.03	.03	.04	.04			.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.031	21	.04
20	.03	.03	.03	.03	.03	.03	.04	.05	.05	.05		.04	.04	.04		.04	.04	.04	.04	.04	.04	.03	.03	.03	.037	22	.05
21	.03	.03	.03	.03	.03	.03	.03	.03					.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.029	19	.03
22	.03	.03	.03	.03	.03	.04	.04	.04	.05	.05	.05	.04	.04	.05		.04	.04	.04	.04	.04	.04	.04	.03	.03	.038	23	.06
23	.03	.03	.03	.03	.03	.04	.04	.04	.05	.07	.06	.04	.04	.05			.05	.04	.04	.04	.05	.05	.05	.05	.043	24	.08
24*	.05	.05	.05	.04	.04	.05	.06	.07	.08	.08	.07	.05	.05	.05		.07	.07	.08	.07	.08	.07	.08	.06	.06	.061	23	.08
25*	.06	.06	.06	.05	.06	.06	.05	.06	.07	.08	.07	.08	.08	.08		.07	.07	.07	.07	.06	.07	.07	.07	.06	.065	23	.08
26	.06	.06	.05	.05	.06	.05	.06	.07	.09	.10	.10	.10	.09	.09		.07	.09	.09	.09	.08	.08	.09	.09	.07	.077	23	.11
27	.07	.05	.05	.05	.05	.05	.06	.06	.07		.09	.07	.08	.06		.06	.06	.06	.07	.06	.06	.06	.05	.05	.062	22	.10
28	.04	.04	.04	.06	.05	.04	.04	.05	.05	.07				.09		.06	.07	.07	.07	.07	.06	.05	.05	.04	.056	20	.12
29	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04		.04	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.03	.035	22	.04
30	.03	.03	.05	.05	.05	.05	.05	.06	.07	.07	.05	.06	.05	.06			.06	.07	.07	.07	.07	.06	.06	.05	.056	22	.09
31*	.05	.05	.05	.05	.06	.06	.05	.06	.07	.08			.08	.07		.09	.08	.09	.08	.08	.07	.06	.06	.05	.065	21	.10
MEAN	.05	.05	.04	.05	.05	.05	.05	.06	.07	.08	.08	.07	.06	.06		.06	.06	.06	.06	.06	.05	.05	.05	.03	.056		
NO	31	30	30	30	30	30	30	30	29	27	24	26	25	27	1	21	29	29	29	29	29	29	29	29		654	
MAX	.12	.12	.12	.13	.12	.12	.13	.16	.19	.29	.33	.21	.19	.16	.02	.13	.13	.13	.12	.12	.11	.12	.13	.13	.152		.39

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-35.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.05	.05	.06	.05	.05	.06	.05	.05	.06	.06	.06	.07	.07	.07		.08	.09	.09	.10	.09	.07	.07	.07	.06	.065	23	.10
2	.06	.05	.04	.04	.04	.05	.05	.06	.06	.06	.06	.06	.07	.07		.07	.07	.06	.07	.07	.06	.06	.06	.06	.058	23	.08
3	.05	.06	.05	.05	.05	.06	.05	.08	.07	.07	.07	.09	.09	.09		.08	.09	.09	.09	.09	.08	.08	.07	.07	.071	23	.10
4	.06	.06	.05	.06	.06	.06	.06	.07	.08	.09	.09	.08	.09	.09		.08	.09	.09	.08	.06	.04	.04	.04	.03	.066	23	.10
5	.03	.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04	.05	.04			.03	.04	.04	.04	.03	.03	.03	.03	.031	22	.05
6	.03	.03	.03	.03	.03	.02	.03	.05	.05	.01				.04				.04	.04	.04					.032	14	.06
7*																											
8*																											
9		.05	.05	.05	.05	.05	.05	.05	.06	.07	.06	.06	.06			.07	.07	.07	.06	.06	.05	.05	.05	.05	.056	21	.08
10	.06	.06	.05	.05	.06	.06	.06	.06	.05					.04				.05	.06	.06	.05	.05	.04	.03	.051	17	.07
11	.03	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05	.05	.06	.06		.06	.06	.06	.05	.05	.04	.05	.04	.04	.044	23	.07
12	.03	.03	.02	.02	.03	.04	.04	.04	.03				.03	.03		.03	.03	.03	.02	.02		.01	.01		.027	18	.05
13		.01	.01	.01	.01	.01							.04	.04		.05	.05	.05	.04	.05	.04	.04			.032	14	.05
14*	.03	.04	.04	.03	.03	.04					.05	.05	.05	.05		.05	.06	.06	.06	.05	.05	.05	.05	.05	.046	19	.06
15*	.05	.04	.04	.04	.04	.04	.03	.04	.03	.03	.04	.03	.03	.04		.04	.04	.03	.03	.02	.02	.03	.03	.02	.033	23	.05
16	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02		.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.02	.02	.023	22	.04
17	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.03		.03	.02	.02	.02	.02	.02	.02	.02	.02	.023	23	.03
18	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.027	23	.04
19	.03	.03	.02	.02	.02	.03	.03	.03	.04	.03	.03	.03	.03	.03		.02	.03	.02	.02	.02	.02	.02	.02	.02	.025	23	.04
20	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02		.02	.02	.02	.02	.02	.03	.02	.03	.03	.023	23	.03
21*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.027	23	.04
22*	.03	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03	.03	.03	.03		.03	.04	.04	.03	.03	.03	.03	.03	.03	.027	23	.04
23	.02	.02	.02	.02	.03	.02	.03	.03	.04	.05			.04	.04		.05	.05	.04	.04	.04	.04	.04	.04	.04	.035	21	.07
24	.04	.03	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.05	.05			.05	.05	.05	.04	.04	.04	.05	.04	.041	24	.06
25	.04	.03	.03	.02	.02	.04	.04	.05	.07	.09	.09	.10	.09			.06	.05	.06	.06	.06	.05	.05	.05	.05	.053	22	.11
26	.04	.04	.03	.03	.02	.03	.03	.03	.02	.02	.01	.01	.01	.01		.01	.02	.02	.02	.02	.02	.02	.02	.02	.022	23	.05
27	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03		.04	.04	.04	.04	.04	.04	.03	.04	.04	.026	23	.05
28*	.03	.03	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.03	.03		.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	23	.03
29*	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.026	23	.03
30	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.04	.05	.04	.04			.04	.04	.04	.03	.04	.04	.04	.04	.036	22	.06
MEAN	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.03	.037		
NO.	26	28	28	28	28	28	26	26	26	24	24	23	26	26		23	26	28	28	28	26	26	26	26		602	
MAX	.06	.06	.06	.06	.06	.06	.06	.07	.08	.09	.09	.10	.09	.09		.08	.09	.09	.10	.09	.08	.09	.07	.07	.071		.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV., DEC. 2, 1968

Table 3-36.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITROGEN DIOXIDE
DEC. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	S-MIN MAX
1	.04	.03	.03	.03	.03	.03	.02	.03	.03	.03				.02		.04	.04	.04	.04	.03	.03	.03	.03	.03	.031	20	.05
2	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.04	.03	.03	.03	.03	.02	.030	23	.04
3	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.03	.03	.04	.03	.03	.03	.03	.03	.03	.028	23	.04
4	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03		.04	.03	.03		.03	.03	.04	.03	.03	.03	.03	.04	.04	.029	22	.05
5*	.03	.03	.03	.03	.03	.04	.04			.05						.05	.05	.05	.05	.04	.04	.04	.04	.04	.040	17	.06
6*	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.05	.04		.04	.04	.04	.05	.05	.05	.05	.04	.04	.042	23	.05
7	.04	.04	.04	.04	.04	.04	.04	.04	.04				.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.04	.040	20	.06
8	.04	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.04	.04	.04			.05	.05	.05	.04	.05	.04	.05	.04	.038	22	.06
9	.05	.07	.06	.04	.04	.04	.04	.05	.04	.05	.05	.04	.04	.04		.04	.04	.04	.04	.04	.03	.03	.03	.03	.042	23	.08
10	.03										.05	.06	.05	.05		.05	.05	.05	.05	.05	.04	.04	.04	.04	.046	14	.06
11																											
12*		.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.03		.03	.03	.03	.03	.03	.03	.03	.03	.02	.025	24	.03
13*	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03	.03	.03	.02	.02	.02	.023	23	.03
14	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	23	.03
15	.02	.02	.02	.02	.02				.03	.03	.03	.03						.03	.03	.03	.03	.03	.03	.03	.026	16	.04
16	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04		.04	.04	.04	.04	.03	.02	.02	.02	.02	.032	23	.05
17	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02				.02	.02	.02	.02	.03	.03	.03	.03	.03	.023	21	.04
18	.03	.03	.03	.03	.03	.03	.03	.03			.05	.05	.05	.04		.04	.04	.04	.03	.03	.03	.03	.03	.03	.034	21	.05
19*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.04	.04	.03	.03	.03	.03	.031	23	.04
20*	.03	.03	.03	.02	.02	.03	.03	.03	.03	.04	.04	.05	.04	.04						.06	.05				.035	16	.07
21	.04	.04	.04									.04	.05	.05			.05	.05	.05	.04	.04	.04	.04	.04	.044	14	.05
22	.04	.04	.03	.03	.04	.04	.04						.05	.04		.03	.03	.03	.03	.03	.03	.03	.03	.02	.033	18	.05
23	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03					.04	.03	.03	.03	.03	.03	.03	.027	20	.04
24	.03	.02	.02	.02			.03	.03	.03	.04		.03	.03	.02		.02	.02	.02	.02	.02	.02	.02	.02	.03	.024	20	.04
25	.03	.02	.02	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02		.02	.02	.02	.02	.02	.02	.03	.03	.03	.024	23	.03
26*	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.04	.05												.029	13	.05
27*																											
28																											
29																											
30																											
31											.03	.03	.04	.04		.03	.04	.04	.04	.03	.03	.04	.04	.03	.035	13	.05
MEAN	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03		.03	.04	.04	.03	.03	.03	.03	.03	.03	.031		
NO.	24	24	24	23	22	21	22	20	20	20	19	22	22	21		20	22	24	24	25	25	24	24	24		516	
MAX.	.05	.07	.06	.04	.04	.04	.04	.05	.04	.05	.05	.06	.05	.05		.05	.05	.05	.05	.06	.05	.05	.05	.04	.046		.08

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-37.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTIOMETRIC ANALYSIS

CHICAGO, ILL.

SULFUR DIOXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1																											
2																											
3	.25	.28	.39	.52	.42	.39	.45	.43	.40	.37	.23	.20	.17	.16	.25	.26	.26	.26	.20	.12	.17	.11	.12	.11	.271	24	.60
4*	.12	.12	.15	.15	.23	.19	.21	.29	.35	.24	.34	.36	.37	.56	.46	.60	.69	.70	.64	.58	.50	.36	.39	.38	.372	24	.87
5*	.42	.45	.42	.43	.52	.52	.52	.48	.55	.45	.35	.36	.32	.32	.42	.37	.16	.16	.15	.20	.33	.72	.62	.46	.403	24	.88
6	.43	.44	.32	.43	.52	.45	.36	.33	.28	.21	.20	.19	.22	.20	.20	.20	.23	.25	.30	.31	.34	.31	.33	.46	.312	24	.70
7	.41	.39	.37	.24	.24	.28	.39	.39	.25	.24	.19	.20	.20	.21	.18	.22	.21	.22	.24	.35	.32	.29	.27	.22	.271	24	.66
8	.23	.26	.24	.22	.31	.29	.28	.46	.33	.31	.38	.38	.31	.26	.21	.27	.27	.29	.22	.21	.21	.20	.20	.30	.267	24	.47
9	.35	.26	.21	.20	.29	.37	.42	.40	.34	.31	.27	.20	.18	.18	.17	.17	.17	.16	.14	.13	.13	.14	.13	.14	.227	24	.46
10	.19	.22	.26	.24	.25	.28	.41	.39	.33	.27	.28	.28	.32				.30	.31	.35	.37	.39	.57	.75	.45	.342	21	1.03
11*	.37	.61	.51	.34	.27	.24	.13	.13	.14	.15	.11	.11	.13	.17	.23	.21	.21	.20	.15	.14	.13	.13	.11	.09	.208	24	.74
12*	.08	.07	.07	.08	.07	.09	.10	.11	.12	.14	.15	.15	.13	.13	.16	.15	.15	.14	.14	.14	.14	.13	.13	.13	.121	24	.17
13	.14	.13	.15	.17	.18	.21	.23	.29	.30	.35	.38	.51	.66	.57	.49	.55	.57	.49	.49	.50	.52	.37	.32	.29	.369	24	.72
14	.38	.42	.51	.54	.58	.87	.84	.78	.96	.98	.85	.58	.47	.50	.65	.71	.65	.58	.51	.38	.47	.48	.42	.28	.598	241	1.15
15	.34	.41	.44	.47	.52	.67	.66	.69	.62	.76	.70	.96	.91	.75	.66	.70	.68	.82	.59	.42	.45	.47	.62	.66	.620	241	1.16
16	.51	.46	.31	.43	.47	.31	.39	.48	.52	.51	.33	.37	.37	.28	.20	.23	.32	.30	.28	.30	.42	.38	.35	.54	.381	24	.79
17	.47	.41	.29	.27	.21	.23	.20	.19			.19	.19	.18	.26	.38			.57	.95	.94	.47	.49	.40	.60	.394	201	1.12
18*	.72	.56	.53	.42	.32	.37	.54	.50	.57	.83	.72	.72	.68	.42	.51	.21	.25	.25	.33	.33	.36	.26	.22	.21	.454	241	1.25
19*	.19	.16	.17	.18	.18	.25	.18	.17	.18	.16	.16	.34	.18	.14	.14	.14	.15	.16	.25	.24	.18	.19	.21	.24	.35	.198	24	.50
20	.27	.27	.20	.20	.19	.29	.28	.28	.32	.27	.24	.25	.22	.21	.18	.17	.25	.31	.38	.69	.53	.40	.44	.63	.310	24	.90
21	.62	.62	.50	.43	.43	.45	.50	.62	.48	.31	.33	.31	.23	.80	.44	.34	.46	.31	.43	.32	.35	.49	.28	.24	.420	241	1.23
22	.22	.21	.29	.26	.42	.35	.52	.75	.55	.51	.68	.82	.65	.29	.15	.16	.15	.14	.13	.17	.37	.60	.36	.35	.377	241	1.16
23	.40	.27	.40	.39	.37	.35	.47	.26	.26	.21	.24	.21	.18	.21	.23	.19	.24	.20	.18	.16	.13	.09	.09	.10	.234	24	.53
24	.11	.09	.12	.22	.25	.28	.30	.31	.23	.21	.20	.13	.10	.10	.12	.13	.13	.18	.11	.11	.10	.13	.13	.15	.163	24	.35
25*	.14	.13	.16	.19	.28	.25	.23	.29	.19	.20	.17	.33	.32	.26			.17	.18	.19	.19	.20	.18	.14	.18	.207	22	.49
26*	.16	.12	.11	.12	.12	.15	.16	.16	.18	.20	.17	.13	.15	.15	.16	.16	.14	.21	.34	.27	.28	.32	.27	.21	.185	24	.47
27	.19	.19	.28	.27	.30	.47	.66	.61	.59	.44	.34	.25	.23	.21	.16	.35	.37	.38	.37	.40	.36	.39	.36	.30	.353	24	.91
28	.21	.19	.21	.29	.28	.36	.44	.41	.47	.67		.67	.47	.57	.70	.83	.51	.30	.20	.20	.23	.44	.27	.25	.389	231	1.11
29	.22	.37	.33	.38	.56	.46	.61	.42	.33	.41	.49	.89	.66	.41	.49	.41	.53	.66	.70	.53	.34	.41	.36	.34	.471	241	1.11
30	.42	.37	.27	.27	.21	.29	.29	.25	.19	.10	.14	.14	.07	.07	.09	.10	.13	.36	.48	.33	.34	.30	.31	.33	.244	24	.66
31	.27	.42	.48	.36	.47	.46	.51	.68	.71	.54	.31	.31	.36	.42	.54	.51	.35	.26	.26	.15	.18	.43	.45	.23	.388	24	.94
MEAN	.31	.31	.30	.30	.34	.35	.38	.39	.39	.37	.33	.36	.32	.31	.32	.32	.31	.32	.33	.31	.31	.32	.31	.31	.256		
NO	28	29	29	29	29	29	29	29	28	28	28	29	29	28	27	26	28	29	29	29	29	29	29	29		686	
MAX	.72	.62	.53	.54	.58	.87	.84	.78	.96	.98	.85	.96	.91	.80	.70	.83	.69	.82	.95	.94	.53	.72	.75	.66	.620		1.25

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

Table 3-38.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

SULFUR DIOXIDE
FEB. 1964

CONCENTRATION IN PPM
CONDUCTIOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1*	.28	.23	.27	.28	.25	.36	.37	.39	.29	.21	.16	.15	.15	.14	.13		.18	.19	.22	.28	.23	.18	.18	.17	.228	23	.49
2*	.17	.16	.17	.21	.24	.24	.16	.14	.14	.13	.12	.15	.13	.12	.13	.14	.14	.13	.15	.13	.11	.10	.06	.06	.143	24	.29
3	.16	.05	.06	.05	.07	.09	.08	.09	.13	.14	.18	.08	.12			.09	.14	.26	.23	.09	.15	.53	.63	.60	.176	22	.72
4	.52	.51	.52	.51	.59	.74	.57	.47	.66	.75	.84	.38	.66	1.05	.89	.97	.70	.49	.41	.62	.62	.87	.73	.78	.679	24	1.22
5	.34	.37	.25	.30	.31	.44	.61	.56	.62	.52	.67	.95	1.09	.39	.33	.33	.33	.22	.16	.12	.13	.12	.08	.09	.396	24	.62
6	.07	.07	.07	.07	.16	.18	.22	.28	.29	.31	.26	.27	.32	.31	.28	.24	.18	.17	.16	.16	.15	.14	.13	.14	.192	24	.39
7	.12	.13	.15	.16	.17	.21	.21	.26	.22	.17	.17	.18	.16	.17	.19	.17	.14	.15	.13	.13	.16	.16	.17	.18	.169	24	.30
8*	.23	.20	.19	.19	.20	.27	.28	.32	.27	.22	.19	.17	.16	.15	.15	.16	.22	.15	.11	.12	.13	.08	.07	.09	.179	24	.35
9*	.07	.12	.25	.47	.47	.53	.63	.50	.52	.44	.31	.30	.24	.21	.19	.23	.21	.17	.15	.14	.09	.10	.08	.08	.271	24	.73
10	.07	.06	.08	.09	.10	.11	.12	.17	.25	.21	.20		.25	.24			.30	.32	.33	.32	.33	.48	.23	.36	.210	21	.55
11	.38	.39	.47	.53	.56	.58	.76	.67	.80	.72	.57	.58	.51	.40	.40	.23	.27	.46	.25	.18	.18	.40	.25	.38	.440	24	.93
12	.35	.34	.44	.38	.26	.47	.28	.29	.51	.68	.65	.68	.55	.58	.60	.45	.35	.23	.48	.56	.49	.38	.35	.47	.441	24	1.02
13	.28	.28	.17	.17	.22	.28	.40	.39	.42	.44	.44	.36	.41	.33	.30	.31	.30	.33	.38	.37	.34	.31	.32	.21	.323	24	.53
14	.27	.26	.22	.24	.35	.50	.70	.91	.90	.61	.52	.37	.44	.54	.64	.43	.27	.66	.61	.40	.31	.49	.27	.24	.457	24	1.06
15*	.25	.27	.31	.40	.30	.32	.29	.25	.17	.12	.20	.24	.22	.21	.26	.30	.31	.29	.22	.19	.20	.19	.20	.19	.245	24	.47
16*	.18	.18	.18	.15	.17	.25	.37	.38	.38	.39	.34	.34	.36	.22	.17	.19	.13	.14	.23	.43	.41	.44	.34	.29	.276	24	.75
17	.29	.47	.48	.52	.30	.34	.38	.40	.38	.31	.29	.45	.46	.48	.78	.73	.78	.70	.75	.65	.48	.53	.44	.38	.484	24	1.00
18	.61	.46	.57	.53	.61	.59	.60	.80	.63						.24	.27	.27	.20	.18	.18	.19	.40	.11	.12	.376	19	.85
19	.16	.14	.15	.13	.13	.17	.19	.24	.25	.24	.47	.32	.32	.27	.21	.17	.19	.19	.21	.21	.25	.29	.23	.22	.213	24	.37
20	.18	.18	.20	.22	.26	.30	.34	.37	.40	.32					.32	.27	.26	.23	.22	.22	.23	.20	.18	.17	.254	20	.51
21	.26	.25	.26	.29	.30	.41	.44	.43	.38	.35	.30	.29	.27	.26	.29	.30	.34	.31	.38	.38	.27	.37	.36	.39	.328	24	.50
22*	.37	.36	.49	.57	.52	.63	.69	.71	.59	.47	.63	.49	.42	.45	.41	.37	.29	.33	.31	.53	.72	.65	.51	.57	.500	24	.83
23*	.58	.56	.49	.67	.59	.64	.53	.44	.46	.36	.20	.22	.19	.21	.23	.19	.13	.19	.29	.29	.27	.24	.26	.22	.352	24	.77
24	.23	.25	.25	.27	.35	.42	.59	.99	.73	.98	.83	.71	.41	.50	.29	.21	.20	.17	.17	.18	.19	.28	.35	.48	.413	24	.46
25	.52	.53	.67	.61	.72	.54	.48	.59	.70	.44	.29	.28	.27	.47	.50	.37	.30	.23	.19	.23	.37	.38	.32	.26	.427	24	.84
26	.31	.30	.26	.30	.40	.42	.37	.46	.46	.60	.38	.44	.31	.25	.22	.23	.21	.24	.27	.41	.36	.40	.41	.38	.349	24	.94
27	.44	.39	.39	.41	.56	.79	.98	.93	.43	.29			.52	.55	.60	.38	.32	.19	.21	.27	.35	.99	.77	.64	.517	22	1.08
28	.29	.48	.39	.38	.47	.38	.49	.61	.57	.53	.50	.43	.32	.27	.24	.20	.21	.16	.26	.34	.65	.59	.48	.62	.418	24	.89
29*	.24	.49	.56	.43	.48	.46	.57	.45	.41	.42	.37	.24	.26	.34	.47	.39	.20	.26	.20	.14	.24	.23	.41	.46	.364	24	.69
MEAN	.29	.29	.31	.33	.35	.39	.44	.46	.45	.41	.37	.36	.35	.35	.35	.31	.27	.27	.27	.28	.30	.33	.31	.32	.207		
NO.	29	29	29	29	29	29	29	29	29	28	26	25	27	26	27	27	29	29	29	29	29	29	29	29		679	
MAX	.58	.56	.67	.67	.90	.79	.98	.93	.90	.98	.84	.95	1.09	1.05	.89	.97	.78	.70	.75	.65	.72	.99	.77	.78	.679		1.62

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-39.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1*	.56	.41	.21	.31	.41	.39	.28	.41	.52	.33	.21	.15	.16	.25	.14	.13	.16	.19	.56	.51	.42	.37	.36	.32	.323	24	.78
2	.37	.39	.39	.37	.28	.37	.39	.38	.42	.41	.28	.20	.17	.17		.14	.15	.17	.17	.16	.15	.15	.27	.20	.266	23	.48
3	.31	.23	.23	.21	.25	.30	.42	.44	.28	.21	.20	.28	.17	.24	.31	.22	.25	.21	.14	.12	.11	.15	.17	.19	.234	24	.52
4	.17	.16	.13	.14	.15	.19	.24	.23	.22	.21	.17	.17	.27	.16	.17	.28	.31	.22	.15	.11	.08	.07	.06	.06	.171	24	.44
5	.07	.08	.07	.12	.12	.12	.16	.17	.18	.18	.18	.15	.16	.16	.18	.18	.14	.17	.19	.22	.18	.21	.33	.41	.172	24	.53
6	.52	.41	.37	.33	.34	.33	.45	.36	.28	.25	.19	.19	.15	.14	.13	.11	.12	.12	.13	.16	.12	.10	.16	.43	.245	24	.66
7*	.09	.11	.09	.11	.13	.17	.19	.18	.19	.20	.16				.15	.16		.17	.10	.07	.07	.12	.07	.06	.128	20	.24
8*	.04	.04	.04	.05	.05	.04	.05	.04	.04	.06	.08	.07	.06	.10	.10	.09	.10	.14	.12	.09	.08	.08	.08	.13	.073	24	.19
9	.13	.13	.10	.13	.20	.31	.32	.28	.23	.21	.19	.15	.14	.17	.15	.15	.14	.13	.13	.13	.13	.12	.09	.09	.184	24	.37
10	.08	.06	.05	.07	.09	.10	.15	.20	.22	.21	.17	.17	.17	.17	.15	.15	.16	.19	.23	.20	.18	.14	.15	.22	.152	24	.27
11	.33	.46	.50	.44	.42	.38	.42	.45	.48	.37	.34	.22	.11	.12	.15	.13	.15	.29	.40	.34	.23	.49	.36	.20	.324	24	.69
12	.16	.15	.14	.14	.29	.29	.36	.35	.26	.23	.16	.14	.10	.06	.11	.09	.09	.09	.14	.16	.16	.16	.18	.15	.172	24	.37
13	.13	.15	.14	.15	.15	.26	.27	.28	.28	.19	.16	.15	.15	.14	.14	.14	.14	.13	.16	.13	.13	.12	.12	.10	.162	24	.32
14*	.12	.31	.14	.21	.44	.42	.41	.39	.25	.14	.13	.10	.10	.09	.08	.06		.08	.10	.12	.12	.14	.14	.15	.179	23	.65
15*	.16	.17	.20	.26	.36	.69	.72	.69	.24	.22	.15	.11	.08	.08	.07	.08	.09	.09	.14	.09	.11	.20	.12	.32	.227	24	.84
16	.49	.33	.29	.22	.23	.26	.37	.48	.59	.63	.48	.57	.47	.14			.07	.07	.07	.07	.07	.09	.09	.10	.290	24	.93
17	.24	.32	.29	.37	.20	.15	.25	.23	.22	.18	.15	.18	.15	.14	.16	.16	.17	.20	.17	.18	.16	.17	.20	.22	.202	24	.53
18	.23	.20	.24	.25	.29	.30	.34	.32	.30	.35	.26	.22	.14	.12	.13	.16	.17	.19	.18	.14	.08	.07	.06	.04	.199	24	.48
19	.03	.03	.03	.04	.04	.04	.04	.06	.08	.09	.09	.09	.10	.13	.13		.03	.04	.07	.13	.09	.07	.05	.04	.067	23	.16
20	.04	.01	.01	.01	.00	.00	.00	.00	.01		.04	.05	.05	.05	.06	.05	.05	.09	.08	.06	.06	.08	.06	.05	.039	23	.11
21*	.05	.05	.05	.05	.05	.09	.20	.27	.28	.29	.26	.22	.17	.16	.17	.19	.16	.16	.19	.17	.13	.13	.10	.10	.153	24	.33
22*	.09	.08	.09	.09	.09	.09	.10	.09	.10	.09	.10	.10	.08	.08	.08	.10	.13	.13	.16	.08	.05	.04	.04	.03	.087	24	.20
23	.03	.02	.02	.02	.02	.09	.25	.24	.44	.32	.20		.17	.14	.11	.11	.12	.13	.15	.21	.19	.17	.15	.14	.156	23	.52
24	.29	.22	.34	.27	.42	.27	.26	.27	.31	.26	.22	.45	.23	.21			.18	.13	.18	.17	.16	.15	.12	.09	.235	22	.65
25	.09	.09	.07	.08	.08	.12	.17	.13	.16	.14	.13	.12	.10	.09	.08	.08	.09	.09	.08	.09	.09	.10	.13	.13	.105	24	.20
26	.10	.10	.13	.15	.18	.23	.25	.26	.23	.20			.17	.19	.16	.15	.16	.17	.15	.13	.18	.17	.13	.13	.168	24	.29
27	.12	.15	.20	.18	.19	.28	.44	.49	.42	.65	.59	.60	.32	.24	.17	.15	.17	.15	.13	.14	.16	.13	.13	.14	.263	24	1.31
28*	.15	.28	.30	.29	.23	.24	.33	.31	.31	.29	.20	.18	.16	.11		.07	.08	.10	.10	.11	.11	.11	.11	.12	.185	23	.38
29*	.12	.15	.18	.24	.36	.55	.34	.23	.23	.17	.08	.08	.11	.15	.19	.21	.25	.26	.27	.27	.22	.17	.21	.25	.220	24	.67
30	.28	.31	.32	.34	.39	.49	.57	.57	.46	.33	.23	.19	.19	.19	.21	.18	.28	.23	.22	.28	.31	.31	.37	.56	.325	24	.70
31	.66	.69	.59	.60	.32	.31	.43	.31	.30	.46	.46	.39	.43	.36	.28		.33	.31	.26	.24	.21	.17	.10	.03	.375	23	.73
MEAN	.20	.20	.19	.20	.22	.25	.30	.30	.28	.26	.21	.20	.17	.15	.15	.14	.15	.16	.17	.16	.15	.15	.16	.17	.196		
NO	31	31	31	31	31	31	31	31	31	30	30	28	30	30	27	27	29	31	31	31	31	31	31	31		727	
MAX.	.66	.69	.59	.60	.44	.69	.72	.69	.39	.65	.59	.60	.47	.36	.31	.28	.33	.31	.56	.51	.42	.37	.56	.56	.375		1.31

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-40.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

SULFUR DIOXIDE
APRIL 1964

CONCENTRATION IN PPM
CONDUCTIOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.13	.04	.05	.05	.04	.14	.43	.33	.28	.17	.15	.18	.17	.15	.16	.21	.14	.15	.17	.25	.28	.20	.14	.16	.171	24	.52
2	.12	.13	.12	.14	.14	.20	.23	.19	.25	.25	.19	.13	.10	.07	.13	.15	.11	.12	.13	.10	.09	.07	.07	.07	.137	24	.32
3	.06	.06	.06	.07	.06	.14	.22	.23	.27	.28	.28	.23	.26	.25	.22			.19	.16	.15	.15	.12	.10	.07	.163	22	.30
4*	.05	.05	.05	.05	.05	.04	.05	.06	.09	.07	.11	.07	.10	.10	.14	.21	.22	.17	.15	.17	.11	.05	.04	.03	.092	24	.24
5*	.03	.02	.02	.02	.02	.02	.03	.04	.04	.05	.07	.08	.07	.06	.06	.07	.07	.09	.09	.08	.11	.15	.14	.11	.063	24	.17
6	.19	.21	.15	.10	.12	.16	.21	.32	.50	.34	.68	.33	.12	.10	.09	.09	.09	.11	.16	.11	.13	.09	.15	.13	.194	24	.22
7	.13	.16	.14	.15	.26	.16	.26	.20	.19	.13	.11		.09	.11	.11	.12	.12	.09	.08	.08	.08	.08	.07	.07	.131	23	.39
8	.07	.07	.04	.08	.10	.13	.16	.17	.15	.16	.15	.15	.18	.18	.20	.21	.22	.19	.14	.18	.24	.18	.17	.17	.156	24	.26
9	.18	.19	.20	.22	.34	.44	.61	.60	.38	.25	.18	.13	.19	.16	.21	.25	.26	.25	.30	.27	.29	.27	.23	.33	.278	24	.68
10	.19	.28	.12	.13	.15	.30	.36	.31	.20	.23	.17	.11	.18	.08	.10	.09	.06	.05	.04	.06	.09	.11	.42	.60	.184	24	.64
11*	.30	.27	.15	.14	.12	.19	.27	.23	.14	.13	.11	.24	.29	.20		.17	.18	.07	.04	.06	.09	.10	.10	.09	.160	23	.52
12*	.08	.07	.06	.09	.15	.29	.16	.09	.07	.05	.05	.05	.04	.04	.04	.04	.04	.04	.05	.06	.10	.06	.04	.04	.075	24	.37
13	.04	.03	.03	.03	.03	.03	.06	.40	.51	.36	.43	.30	.37	.21	.15	.16	.14	.13	.25	.09	.10	.39	.59	.28	.203	24	.75
14	.16	.19	.15	.17	.25	.23	.38	.31	.16	.11	.08		.08	.07	.06	.07	.06	.05	.05	.05	.08	.08	.07	.07	.129	23	.52
15	.07	.07	.08	.09	.15	.20	.14	.14	.05	.06	.05	.02	.02	.04	.07	.07	.08	.10	.08	.16	.19	.15	.09	.10	.094	24	.22
16	.10	.09	.09	.10	.08	.09	.13	.21	.30	.43	.26	.24	.22	.19	.24	.31	.33		.29	.35	.22	.12	.06	.04	.200	17	.65
17											.11	.19	.24	.21	.11	.08	.26	.25	.07	.07	.08	.07	.06	.08	.179	16	.53
18*	.05	.03	.02	.02	.03	.04	.05	.07	.09	.07	.08	.08	.08	.07	.06	.07	.07	.06	.06	.05	.04	.04	.04	.04	.060	24	.10
19*	.05	.04	.03	.03	.03	.04	.03	.03	.04	.06	.09	.10	.07	.09	.12	.13	.09	.07	.06	.05	.04	.04	.04	.04	.058	24	.14
20	.04	.03	.03	.04	.04	.04	.06	.10	.12	.13	.14	.14	.13	.15	.20	.16	.12	.16	.18	.14	.10	.06	.06	.11	.102	24	.23
21	.16	.06	.04	.03	.04	.11	.24	.34	.24	.44	.45	.38	.38			.09	.05	.05	.05	.07	.07	.09	.09	.05	.163	24	.68
22	.03	.02	.02	.03	.02	.03	.09	.13	.10	.10	.10	.09	.08	.07	.08	.05	.04	.04	.04	.05	.07	.09	.09	.07	.063	24	.16
23	.06	.07	.07	.04	.04	.05	.07	.12	.17	.14	.12	.08	.10	.10	.11	.11	.10	.12	.09	.12	.09	.08	.08	.08	.091	24	.18
24	.07	.07	.07	.05	.06	.06	.07	.08	.10	.10	.07	.07	.08	.08	.10	.12	.13	.14	.11	.09	.09	.09	.09	.10	.085	24	.15
25*	.09	.05	.04	.03	.03	.03	.03	.08	.12	.12	.11	.11	.11	.10	.10	.11	.09	.13	.10	.11	.05	.04	.04	.04	.077	24	.15
26*	.04	.04	.04	.03	.03	.02	.03	.03	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.03	.03	.05	.06	.04	.040	24	.06
27	.03	.01	.02	.04	.06	.10	.12	.13	.09	.06	.05	.14		.12	.08	.08	.06	.06	.06	.06	.04	.04	.05	.16	.071	23	.23
28	.18	.11	.09	.10	.11	.15	.17	.15	.14	.11	.08	.07	.08	.04	.03	.05	.07	.06	.03	.03	.03	.09	.27	.21	.101	24	.31
29	.25	.25	.14	.22	.27	.41	.49	.43	.26	.14	.12	.21	.07	.14	.31	.39	.41	.28	.17	.10	.21	.21	.18	.33	.268	24	.66
30	.26	.22	.13	.09	.07	.07	.10	.11	.11			.11	.09	.07	.07	.09	.05	.04	.06	.08	.12	.10	.08	.07	.099	22	.32
MEAN	.11	.10	.08	.08	.10	.13	.18	.19	.16	.16	.15	.15	.15	.11	.12	.13	.13	.11	.11	.11	.12	.12	.13	.13	.128		
NO.	28	29	29	29	29	29	29	29	29	28	29	28	29	29	28	29	29	29	29	29	29	29	29	29		699	
MAX.	.30	.28	.20	.22	.34	.44	.61	.60	.51	.44	.68	.38	.47	.25	.31	.39	.41	.28	.30	.35	.29	.39	.59	.60	.278		1.22

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-41.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CHICAGO, ILL.

SULFUR DIOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1	.04	.06	.09	.10	.11	.17	.28	.19	.11	.07	.05	.04	.05	.05	.06	.08	.22	.50	.15	.14	.11	.07	.04	.03	.117	24	.81
2*	.03	.03	.03	.02	.02	.04	.09	.05	.06	.05	.07	.08	.10	.11		.11	.07	.04	.06	.03	.02	.02	.02	.02	.090	23	.12
3*	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.04	.03	.02	.02	.03	.03	.03	.02	.02	.07	.13	.11	.12	.12	.039	24	.16
4	.08	.09	.05	.03	.04	.10	.07	.15	.14		.07	.05	.04	.03	.02	.02	.01	.01	.01	.02	.02	.02	.01	.03	.047	23	.19
5	.03	.02	.02	.02	.01	.02	.05	.10	.07	.08	.02	.02			.01	.01		.02	.01	.01	.01	.01	.01	.01	.026	21	.15
6	.00	.01	.01	.01	.01	.01	.01	.01	.01	.04	.02	.02	.27	.02	.13	.03	.17	.18	.08	.02	.07	.14	.27	.29	.077	24	.56
7	.29	.08	.09	.17	.12	.17	.26	.39	.51	.33	.26	.14	.27	.22	.03	.01	.00	.07	.00	.00	.09	.08	.21	.09	.161	24	.67
8	.08	.27	.27	.09	.09	.18	.14	.03	.02	.22	.27	.36	.39	.44	.13	.00	.00					.08	.23	.06	.164	20	.74
9*																											
10*	.02	.02	.02	.03	.04	.04	.04	.04	.04	.03	.01	.00	.00			.02	.02	.01	.02	.03	.03	.04	.12	.16	.035	24	.17
11	.16	.15	.20	.21	.16	.16	.21	.22	.20	.18	.14	.09					.09	.11	.13	.14	.10	.07	.06	.06	.142	20	.31
12	.05	.05	.04	.04	.04	.05	.06	.06	.06	.05		.06	.05	.05	.05	.05	.06	.05	.05	.04	.04	.05	.06	.06	.050	23	.06
13	.05	.05	.05	.06	.06	.08	.11	.13	.12	.08	.09	.11	.10	.10	.10	.10	.10	.09	.09	.08	.07	.07	.07	.07	.084	24	.14
14	.07	.07	.10	.09	.13	.24	.25	.28	.16	.11	.13	.17	.13	.08	.05	.06	.05	.05	.05	.06	.06	.06	.26	.38	.128	24	.45
15	.20	.16	.20	.19	.16	.22	.19	.14	.15	.08	.10	.09	.12	.08	.11	.11	.12	.15	.09	.08	.13	.15	.14	.15	.137	24	.29
16*	.18	.14	.08	.06	.04	.06	.07	.09	.22	.27	.10	.05	.06	.08	.06		.13	.14	.19	.22	.15	.13	.12	.13	.120	23	.37
17*	.18	.20	.38	.41	.33	.31	.36	.31	.20	.22	.21	.21	.20	.17	.16	.14	.14	.11	.17	.13	.11	.14	.10	.11	.208	24	.50
18	.09	.09	.09	.08	.08	.09	.09	.09	.09	.08	.07	.09	.08	.13	.24	.20	.09	.11	.13	.43	.19	.22	.28	.27	.142	24	.65
19	.06	.05	.05	.05	.04	.05	.05	.05	.04	.03				.01	.01	.01		.02	.04	.02	.02	.02	.02	.02	.032	20	.07
20	.02	.02	.02	.02	.02	.04	.06	.06	.07	.06	.06	.06	.05	.06	.06	.06	.06	.05	.05	.05	.07	.07	.05	.05	.049	24	.10
21	.05	.05	.05	.05	.05	.17	.16	.09	.08	.08	.08	.06	.07	.05	.04	.04	.04	.05	.05	.07	.12	.10	.10	.09	.075	24	.24
22	.14	.20	.27	.14	.14	.15	.18	.32	.48	.54	.34	.15	.14	.11	.18	.13	.11	.14	.16	.15	.15	.15	.18	.16	.199	24	.61
23*	.13	.13	.13	.11	.10	.13	.15	.19	.18	.10	.14	.13	.12	.14	.09	.15	.09	.16	.20	.13	.17	.09	.09	.18	.134	24	.30
24*	.23	.16	.10	.05	.05	.04	.08	.11	.12	.14	.06	.05	.05	.05	.05	.05	.05	.06	.05	.05	.06	.07	.08	.08	.078	24	.28
25	.07	.08	.07	.07	.06	.07	.11	.12	.10	.10	.08	.09	.09			.06	.05	.04	.04	.08	.05	.05	.08	.15	.077	24	.25
26	.11	.10	.11	.10	.10	.17	.15	.15	.30	.15	.06	.04	.04	.04	.04	.04	.04	.04	.04	.03	.04	.05	.04	.05	.084	24	.51
27	.06	.07	.06	.05	.09	.08	.09	.08	.06	.05	.05	.05	.04	.03	.04	.03	.03	.02	.03	.03	.03	.03	.03	.06	.051	24	.13
28	.07	.07	.04	.04	.03	.03	.04	.06	.04	.04	.04	.04	.04	.04		.04	.05	.06	.05	.04	.04	.04	.06	.05	.046	23	.13
29	.05	.04	.04	.06	.06	.07	.07	.06	.07	.06	.04	.05	.04	.04	.05	.04	.07	.08	.07	.05	.05	.04	.04	.04	.053	24	.12
30*	.05	.04	.04	.03	.03	.03	.04	.04	.04	.04	.03	.03	.07	.10	.08	.08	.08	.06	.03	.04	.04	.03	.03	.03	.046	24	.10
31*	.06	.06	.04	.04	.04	.04	.05	.05	.05	.08	.11	.06	.04	.04	.03	.03	.04	.03	.03	.03	.05	.05	.05	.05	.047	24	.16
MEAN	.09	.09	.09	.08	.08	.10	.12	.12	.13	.12	.10	.08	.10	.09	.07	.06	.07	.08	.07	.08	.08	.07	.10	.10	.090		
NO.	30	30	30	30	30	30	30	30	30	29	28	29	27	26	25	28	28	29	29	29	29	30	30	30		696	
MAX.	.29	.27	.38	.41	.33	.31	.36	.39	.51	.54	.34	.36	.39	.44	.24	.20	.22	.50	.20	.43	.19	.22	.28	.38	.208		.81

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-42.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

SULFUR DIOXIDE
JUNE 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.05	.04	.05	.05	.05	.04	.05	.06	.07	.07	.07	.05	.04	.04	.05	.07	.05	.04	.04	.04	.04	.04	.04	.04	.049	24	.08
2	.06	.14	.14	.13	.21	.26	.31	.22	.11	.04	.03	.03	.04		.08	.05	.05	.06	.07	.07	.09	.07	.05	.05	.103	23	.36
3	.06	.08	.07	.07	.07	.11	.26	.18	.61	.15	.04	.02	.03		.03	.03	.02	.02	.02	.03	.03	.06	.12	.09	.096	23	.75
4	.07	.13	.15	.14	.14	.21	.22	.17	.11	.09	.07	.05	.04	.04	.03	.03	.03	.03	.03	.05	.08	.08	.07	.05	.086	24	.27
5	.07	.04	.02	.02	.02	.02	.02	.03	.04	.04	.05	.06	.08	.06	.05	.05	.05	.07	.03	.05	.12	.17	.18	.11	.060	24	.20
6*	.13	.14	.05	.05	.02	.02	.02	.04	.05	.04	.03	.02	.01	.01	.02	.01	.02	.02	.02	.02	.02	.02	.03	.08	.036	24	.17
7*	.13	.10	.06	.06	.06	.08	.31	.13	.08	.08	.06	.06	.08	.10	.04	.03	.03	.03	.03	.03	.06	.07	.08	.07	.079	24	.32
8	.10	.05	.06	.08	.04	.03	.04	.04	.03	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.033	24	.11
9	.17	.16	.14	.05	.13	.26	.31	.47	.32	.27	.14	.21	.16	.28	.16	.06	.06	.05	.04	.04	.02	.02	.01	.06	.147	24	.55
10	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04			.00	.01	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.023	22	.05
11	.06	.04	.04	.03	.02	.02	.02	.02		.03	.03	.02	.02	.02	.08	.08	.04	.03	.05	.06	.03	.03	.03	.02	.035	23	.16
12	.02	.04	.03	.03	.04	.04	.14	.06	.06	.05	.03	.03	.10	.07	.05	.03	.03	.03	.03	.04	.03	.03	.04	.05	.046	24	.28
13*	.06	.03	.02	.02	.02	.02	.02	.03	.03	.02	.02	.09	.07	.01	.01	.04	.04	.02	.03	.03	.07	.04	.05	.07	.035	24	.24
14*	.06	.05	.05	.05	.07	.07	.04	.03	.02	.02	.02	.04	.05	.03	.03	.03	.03	.03	.03	.01	.01	.02	.02	.02	.034	24	.08
15	.01	.01	.02	.01	.02	.03	.04	.04	.03	.03	.03	.03	.04	.05	.05	.03	.02	.02	.02	.02	.02	.02	.01	.02	.025	24	.09
16	.03	.03	.03	.02	.02	.01	.01	.02	.04	.02	.01	.01	.01	.04	.04	.03	.03	.03	.02	.02	.02	.02	.02	.01	.022	24	.17
17	.01	.01	.01	.01	.03	.27	.15	.08	.09	.07	.07	.04	.03	.03	.03	.03	.03	.03	.03	.02	.04	.06	.05	.04	.052	24	.33
18	.03	.03	.03	.03	.03	.03	.03	.03			.04	.03	.01	.01	.01	.00	.01	.01	.01	.02	.02	.02	.07	.09	.025	22	.20
19	.11	.10	.05	.08	.05	.11	.19	.20	.19	.10	.12	.07	.09	.11	.16		.10	.04	.04	.04	.03	.04	.05	.06	.092	23	.33
20*	.08	.08	.05	.03	.06	.10	.03	.09	.04	.04	.30	.10	.02	.03	.03	.04	.04	.03	.03	.05	.06	.03	.02	.02	.059	24	.44
21*	.03	.12	.09	.05	.04	.07	.05	.06	.07	.03	.03	.08	.08	.06	.04	.02	.02	.02	.02	.05	.04	.04	.05	.05	.050	24	.16
22	.05	.03	.04	.06	.02	.02	.02	.02	.02	.03	.02	.02	.02	.01	.01	.01	.01	.01	.03	.05	.02	.02	.02	.02	.024	24	.07
23	.04	.08	.11	.13	.07	.11	.13	.05	.03	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.01	.041	24	.27
24	.01	.02	.02	.02	.02	.04	.04	.03				.03	.08	.09	.09	.09	.09	.08	.08	.08	.08	.08	.09	.12	.060	21	.14
25	.20	.23	.16	.15	.15	.14	.15	.14	.11	.12	.11	.10	.18		.03	.03	.04	.08	.17	.24	.23	.30	.33	.29	.139	23	.42
26	.27	.23	.27	.19	.20	.17	.06	.04	.03	.03	.05	.28	.04	.01	.01	.01	.00	.00	.00	.00	.00	.01	.01	.02	.080	24	.43
27*	.02	.03	.03	.03	.03	.03	.05	.05	.05			.06	.02	.02	.01	.01	.01	.00	.00	.00	.01	.01	.02	.05	.024	22	.09
28*	.08	.12	.18	.12	.13	.14	.08	.06	.06	.05	.06	.06	.05	.05	.05	.04	.04	.03	.02	.02	.01	.01	.01	.08	.064	24	.20
29	.12	.10	.16	.09	.10	.16	.25	.11	.31	.21	.14	.09	.04	.03	.07	.06	.08	.04	.04	.03	.04	.02	.02	.02	.096	24	.57
30	.05	.04	.05	.12	.15	.25	.73	.50	.43	.28	.14	.08	.04	.05	.04	.12	.13	.10	.06	.06	.14	.03	.18	.43	.173	24	.87
MEAN	.07	.08	.07	.06	.07	.10	.13	.10	.11	.07	.05	.06	.05	.05	.05	.04	.04	.03	.03	.04	.05	.05	.06	.07	.064		
NO	31	30	30	30	30	30	30	30	27	27	27	29	30	27	30	29	30	30	30	30	30	30	30	30		708	
MAX	.27	.23	.27	.19	.21	.27	.73	.50	.61	.27	.30	.28	.18	.28	.16	.12	.13	.10	.17	.24	.23	.30	.33	.43	.173		.87

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV., DEC., & 1968

Table 3-43.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
CONDUCTIOMETRIC ANALYSIS

SULFUR DIOXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.36	.09	.08	.15	.14	.28	.30	.46	.22	.23	.19	.12	.10	.09	.08	.08	.07	.05	.05	.06	.07	.06	.47	.28	.170	24	.69
2	.20	.13	.06	.08	.19	.20	.27	.14	.05	.04	.02	.08	.05	.02	.00	.00	.00	.00	.00	.00	.01	.04	.05	.05	.068	24	.38
3	.05	.11	.05	.04	.04	.05	.13	.21		.04	.03	.02	.02	.01	.03	.04	.03	.00	.00	.00	.02	.03	.01	.01	.042	23	.44
4*	.00	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.01	.01	.00	.01	.03	.02	.01	.01	.01	.02	.01	.006	23	.05
5*	.02	.03	.07	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.04	.02	.02	.04	.04	.04	.04	.04	.04	.04	.02	.034	24	.11
6	.00	.11	.05	.12	.07	.06	.04	.04	.03	.02	.02	.02	.02	.01	.01	.04	.06	.03	.03	.03	.03	.03	.03	.03	.039	24	.24
7																											
8																											
9	.02	.01	.00	.01	.00	.02	.02	.02	.02	.01	.02	.04	.02	.02	.01	.02	.02	.02	.03	.01	.00	.00	.02	.05	.016	24	.06
10	.03	.04	.02	.04	.04	.06	.04	.01	.02	.06	.03	.04	.07	.13	.10	.08	.05	.05							.050	16	.18
11*																											
12*																											
13																											
14																											
15																											
16												.23	.14	.08	.02	.14	.04	.06	.05	.02	.02	.04	.04	.05	.071	13	.43
17	.06	.04	.12	.07	.07	.10	.24	.35	.31	.18	.19	.16	.11	.09	.07	.10	.07	.06	.07	.07	.02	.03	.02	.02	.109	24	.56
18*	.06	.03	.05	.10	.13	.27	.11	.06	.04	.27	.05	.04	.16	.03	.28	.38	.48	.22	.09	.06	.05	.05	.05	.06	.128	24	.62
19*	.07	.05	.05	.05	.04	.06	.14	.51	.68	.72	.32	.08	.04	.04	.11	.17	.24	.35	.55	.29	.06	.05	.04	.04	.197	24	1.06
20	.10	.08	.06	.16	.07	.07	.05	.49	.89	.78	.28	.21	.50				.05	.05	.08	.08	.07	.09	.09	.10	.197	21	.24
21	.11	.10	.11	.15	.21	.18	.22	.30	.39	.21	.10	.11	.10	.10	.06	.06	.05	.10	.12	.04	.07	.08	.07	.04	.127	24	.86
22	.04	.27	.14	.05	.05	.07	.13	.09		.09	.02	.01						.00	.02	.01	.02	.02	.03	.03	.059	18	.41
23	.03	.03	.04	.03	.05	.04	.04	.03	.03		.05	.05	.04	.06	.09	.10	.11	.12	.12	.11	.11	.12	.12	.13	.071	23	.13
24	.13	.14	.14	.14	.20	.22	.26	.37	.67	.57	.28	.22	.14	.13	.14	.15	.15	.14	.14	.15	.16	.15	.16	.17	.213	24	.96
25*	.16	.20	.20	.15	.13	.14	.13	.14	.14	.16	.20	.14	.16	.13	.12	.11	.13	.13	.15	.16	.15	.13	.14	.14	.145	24	.26
26*	.15	.17	.16	.17	.17	.16	.16	.14	.14	.20	.13	.12	.11	.10	.10	.10	.10	.11	.11	.12	.12	.13	.19	.31	.143	24	.34
27	.25	.24	.19	.24	.27	.28	.24	.46	.55	.66	.49	.33	.18	.20	.23	.22	.24	.20	.19	.24	.24	.19	.21	.29	.267	24	.85
28	.37	.24	.22	.26	.18	.28	.16	.27	.16	.45	.26	.17		.37	.14	.17	.20	.09	.22	.17	.46	.41	.24	.31	.243	23	.84
29	.41	.20	.21		.01	.02	.02	.03	.03								.02	.01	.00	.02	.03	.03	.04	.03	.069	16	.65
30	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.02	.04	.03		.02	.03	.03	.02	.03	.02	.01	.02	.021	23	.05
31	.02	.02	.02	.02	.04	.03	.03	.06	.10	.11	.06	.04	.04	.03	.06	.03	.04	.05	.07	.10	.10	.08	.07	.05	.051	24	.14
MEAN	.11	.10	.09	.09	.09	.11	.12	.16	.21	.24	.12	.10	.10	.08	.08	.10	.10	.08	.09	.08	.08	.07	.09	.10	.108		
NO	23	23	23	22	23	23	23	23	21	20	22	23	21	21	21	20	23	24	23	23	23	23	23	23		537	
MAX	.41	.27	.22	.26	.27	.28	.30	.51	.89	.78	.32	.33	.50	.37	.28	.38	.48	.35	.55	.29	.46	.41	.47	.31	.267		1.24

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-44.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

SULFUR DIOXIDE
AUG. 1964

CONCENTRATION IN PPM
CONDUCTIOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.04	.04	.04	.05	.05	.06	.05	.05	.05	.07	.28	.12	.04	.03	.15	.12	.07	.06	.05	.03	.04	.14	.20	.07	.079	24	.52
2*	.16	.06	.06	.06	.09	.12	.16	.32	.40	.37	.12	.04	.06	.04	.08	.06	.11	.12	.19	.34	.18	.10	.17	.06	.144	24	.58
3	.15	.29	.07	.04	.04	.04	.05	.05	.05	.05	.09	.13	.08	.04	.04	.13	.45	.24	.16	.16	.08	.04	.04	.03	.105	24	.74
4	.04	.03	.02	.02	.02	.02	.04	.04	.04	.03		.03	.03	.03	.09		.05	.04	.07	.08	.03	.03	.03	.05	.039	22	.15
5	.08	.03	.05	.05	.05	.06	.06	.04	.04	.04	.03	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.03	.03	.033	24	.10
6	.02	.01	.02	.02	.12	.29	.11	.06	.06	.05	.04	.08	.06	.02	.02	.02	.03	.02	.02	.03	.05	.06	.05	.04	.051	24	.39
7	.05	.04	.07	.06	.13	.37	.37	.09				.02	.02	.01	.01	.01	.01	.01	.04	.04	.03	.05	.04	.06	.073	21	.43
8*	.05	.03	.05	.04	.05	.04	.05	.03	.03	.02	.02	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.02	.02	.030	24	.08
9*	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.06	.08	.10	.020	24	.11
10	.10	.05	.05	.03	.03	.08	.10	.11		.19	.15	.12	.12	.07	.05	.03	.03	.03	.03	.07	.05	.05	.05	.06	.071	23	.24
11	.05	.06	.10	.13	.07	.05	.10	.17	.16			.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.054	24	.35
12	.03	.02	.03	.03	.05	.05	.05	.06	.04	.05	.04	.04	.03	.03	.04	.04	.03	.02	.03	.03	.06	.04	.04	.03	.038	24	.10
13	.05	.04	.06	.10	.10	.06	.12	.04	.04	.03	.04	.04	.03	.03	.02	.03	.02	.03	.02	.03	.03	.02	.02	.03	.042	24	.16
14	.06	.08	.08	.12	.15	.21	.35	.51	.70	.35	.24	.13	.04	.04	.04	.04	.04	.05	.06	.06	.05	.03	.03	.05	.144	24	1.05
15*	.20	.33	.45	.39	.28	.21	.12	.09	.07		.04	.06	.01	.00	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.104	23	.55
16*	.02	.05	.12	.08	.11	.11	.09	.21	.25	.34	.07	.03	.04	.04	.04	.04	.03	.03	.03	.05	.06	.06	.06	.06	.082	24	.41
17	.05	.07	.06	.06	.06	.05	.17	.09	.07	.06	.04	.02	.02	.01	.02	.02	.03	.03	.03	.03	.05	.04	.07	.06	.049	24	.24
18	.05	.04	.05	.03	.04	.03	.03	.03	.03		.02	.02	.03	.03	.02	.03	.04	.04	.03	.03	.03	.03	.03	.03	.031	23	.07
19	.03	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.03	.04	.05	.06	.06	.029	24	.08
20	.06	.08	.08	.10	.06	.08	.10	.31	.17	.14	.10	.07	.06	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.077	24	.43
21	.04	.04	.04	.03	.04	.07	.05	.05	.06	.06	.07	.05	.16	.14	.15	.05	.03	.04	.04	.04	.05	.07	.13	.22	.071	24	.32
22*	.11	.16	.08	.07	.10	.12	.08	.24	.14	.05			.05	.05	.04	.02	.05	.02	.01	.01	.02	.14	.16	.24	.088	22	.34
23*	.12	.11	.08	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04	.033	24	.19
24	.04	.06	.07	.06	.10	.09	.08	.11	.35	.16	.08	.06	.06	.03	.04	.04	.03	.03	.04	.04	.05	.05	.05	.07	.073	24	.44
25	.09	.09	.09	.04	.04	.04	.05	.05	.04		.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.05	.05	.044	23	.15
26	.06	.07	.07	.07	.07	.09	.13		.27	.17	.10	.05	.08	.03								.04	.13	.24	.103	16	.39
27	.06	.09	.03	.01		.02	.04	.04			.02	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.016	21	.12
28	.00	.00	.00	.00	.00	.00	.00	.00	.05	.03	.00	.00	.02	.08	.01					.00	.00	.02	.04	.03	.014	20	.23
29*	.04	.11	.07	.06	.08	.16	.12	.08	.13	.16	.24	.36	.18	.11	.02	.01	.01	.02	.02	.03	.04	.09	.11	.05	.096	24	.77
30*	.05	.05	.04	.03	.03	.04	.13	.01	.28	.26	.18	.13	.05	.04				.00	.00	.00	.00	.01	.03	.03	.069	21	.48
31	.04	.05	.05	.06	.06	.06	.08	.09	.06	.06	.07	.06	.08	.02	.01										.056	19	.18
MEAN	.06	.07	.07	.06	.07	.08	.09	.10	.13	.11	.08	.06	.05	.04	.04	.03	.05	.04	.04	.05	.04	.05	.06	.06	.063		
NO.	31	31	31	31	30	31	31	30	28	25	27	30	31	31	29	26	27	28	28	29	29	30	30	30		709	
MAX.	.20	.33	.45	.39	.28	.21	.37	.51	.70	.37	.28	.36	.18	.14	.15	.13	.45	.29	.19	.34	.18	.14	.20	.24	.144		1.05

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-45.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
CONJUGTIOMETRIC ANALYSIS

SULFUR DIOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3																											
4																											
5*																											
6*																											
7																											
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*																											
20*																											
21																											
22																											
23																											
24																											
25	.04	.04	.04	.05	.06	.15	.14	.34	.55	.38	.08	.04	.05	.04	.03	.02	.03	.05	.13	.08	.04	.04	.05	.09	.106	24	1.07
26*	.07	.06	.04	.05	.04	.05	.04	.04	.03	.04	.10	.02	.05	.13	.03	.02	.02	.02	.03	.07	.16	.11	.09	.06	.056	24	.38
27*	.03	.02	.02	.02	.02	.04	.03	.03	.03	.02	.02	.02	.02	.01	.02	.01	.02	.03	.05	.10	.08	.04	.03	.03	.030	24	.13
28	.02	.02	.02	.06	.12	.07	.07	.06	.05		.04	.02	.02	.02	.02	.02	.03	.02	.04	.05	.05	.04	.03	.03	.039	23	.16
29	.02	.02	.03	.08	.20	.27	.29	.15	.17			.09	.04	.04	.04	.03	.04	.03	.04	.04	.05	.04	.17	.20	.095	22	.37
30	.24	.24	.25	.32	.31	.17	.06	.05	.03		.03	.04	.03	.03	.04	.03	.03	.03	.03	.02	.02	.04	.04	.11	.095	23	.42
MEAN																											
NO	5	6	6	6	5	6	6	5	6	3	5	6	6	6	6	6	6	6	6	6	6	6	6	6		140	
MAX	.24	.24	.25	.32	.31	.27	.29	.34	.55	.38	.10	.09	.05	.13	.04	.03	.04	.05	.13	.10	.16	.11	.17	.20	.106		1.07

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

Table 3-46.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

SULFUR DIOXIDE
OCT. 1964

CONCENTRATION IN PPM
CONDUCTIOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.18	.12	.06	.08	.09	.18	.20	.14	.10	.08	.08	.06	.06	.05	.04	.04	.04	.05	.07	.08	.07	.07	.06	.05	.084	24	.24
2	.08	.18	.18	.12	.09	.18	.19	.06	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.04	.05	.06	.08	.07	.14	.077	24	.34
3*	.15	.13	.10	.17	.25	.30	.22	.19	.14	.19	.16	.19	.17	.18	.22	.19	.11	.18	.23	.25	.21	.04	.03	.03	.167	24	.44
4*	.03	.03	.03	.04	.04	.05	.04	.05	.09	.03	.04	.04	.03	.04	.04	.03	.04	.06	.06	.05	.06	.08	.09	.07	.046	24	.12
5	.07	.06	.07	.08	.10	.15	.24	.19	.17	.13	.09	.07	.08			.06	.05	.06	.07	.08	.09	.07	.06	.07	.095	22	.26
6	.07	.07	.08	.09	.12	.26	.36	.29	.16	.12	.12	.10	.12	.10	.09		.09	.09	.07	.06	.06	.04	.03	.05	.114	23	.40
7	.27	.33	.32	.21	.13	.20	.43	.23	.17	.11	.10	.09	.06	.05	.04	.05	.06	.05	.05	.05	.04	.04	.04	.04	.123	24	.38
8	.04	.05	.04	.05	.07	.13	.15	.46	.31	.22	.28	.09	.07	.08	.08	.08	.07	.07	.06	.06	.06	.06	.06	.05	.102	24	.55
9	.05	.06	.06	.06	.11	.18	.22	.20	.17	.15	.15	.15	.15	.13	.14	.12	.09	.12	.12	.13	.13	.12	.14	.15	.129	24	.30
10*	.14	.17	.21	.24	.25	.33	.32	.27	.25	.18	.13	.09	.08	.07	.07	.08	.04	.06	.06	.06	.05	.05	.06	.24	.146	24	.40
11*	.27	.28	.23	.25	.29	.34	.37	.21	.11	.14	.12	.10		.08	.07	.05	.06	.07	.16	.19	.21	.25	.16	.15	.179	23	.48
12	.36	.31	.20	.20	.22	.54	.56	.33	.40	.57	.31	.19	.10	.12	.15	.18	.24	.27	.27	.21	.15	.15	.18	.38	.274	24	.89
13	.33	.34	.29	.24	.30	.51	.66	.36	.37		.18	.15	.16	.10		.11	.11	.09	.05	.05	.05	.06	.06	.08	.220	22	.76
14	.09	.06	.08	.20	.28	.21	.34	.42	.37	.23	.12	.13	.18	.18	.13	.10	.07	.05	.06	.06	.05	.06	.13	.34	.165	24	.92
15																											
16										.31	.32	.23	.17	.11	.07	.06	.07	.08	.10	.13	.14	.24	.33	.21	.170	13	.44
17*	.21	.19	.18	.23	.15	.17	.16	.15	.12	.22	.52	.37	.22	.15	.13	.11	.13	.09	.11	.10	.14	.09	.07	.07	.171	24	.58
18*	.06	.06	.06	.06	.05	.07	.06	.08	.09	.07	.07	.07	.06	.05	.09	.06	.08	.07	.09	.07	.08	.08	.05	.07	.067	24	.12
19	.07	.06	.06	.07	.10	.20	.22	.21	.18			.13	.12	.12	.10	.09	.08	.07	.07	.09	.10	.09	.11	.12	.111	22	.26
20	.16	.11	.13	.19	.27	.33	.50	.51	.37	.19	.11	.12	.16	.23	.31	.38	.37	.43	.48	.18	.08	.09	.11	.14	.247	24	.73
21	.16	.25	.18	.25	.16	.25	.26	.24	.13	.10	.08	.09	.09	.08	.11	.09	.08	.09	.09	.09	.08	.09	.09	.10	.133	24	.36
22	.10	.12	.14	.14	.19	.31	.35	.32	.27	.15	.13	.10	.09	.10	.09	.09	.10	.10	.09	.08	.06	.06	.06	.07	.138	24	.41
23	.09	.10	.08	.14	.20	.31	.27	.22	.34	.36	.35	.18	.10	.17	.16	.09	.09	.10	.08	.12	.14	.18	.21	.19	.178	24	.50
24*	.20	.20	.22	.18	.17	.31	.47	.90	.71	.45	.65	.45	.30	.23	.23	.20	.24	.24	.13	.15	.16	.16	.14	.15	.300	24	.23
25*	.19	.19	.25	.30	.32	.30	.37	.37	.37	.36	.31	.36	.29	.23	.19	.14	.12	.17	.14	.12	.14	.24	.25	.12	.242	24	.55
26	.14	.13	.10	.11	.17	.25	.29	.33	.24	.65	.31	.10	.09	.10	.06	.05	.05	.07	.12	.09	.11	.14	.14	.13	.182	24	.81
27	.24	.16	.22	.17	.12	.14	.20	.20	.19	.28				.06	.04	.05	.05	.12	.10	.15	.16	.20	.13	.11	.146	21	.49
28	.09	.09	.11	.19	.24	.19	.20	.28	.38	.44		.55	.77	.14	.24	.09	.08	.09	.10	.11	.05	.04	.05	.05	.197	23	.16
29	.05	.06	.04	.04	.04	.06	.08	.09	.09	.08	.08	.07	.06	.05	.06	.08	.08	.09	.07	.12	.12	.14	.15	.16	.081	24	.20
30	.14	.15	.26	.29	.36	.41	.44	.48	.50	.62	.33	.37	.27	.22	.32	.31	.21	.07	.08	.16	.19	.25	.27	.22	.288	24	.95
31*	.17	.15	.21	.26	.32	.28	.40	.48	.38	.18		.13	.07	.05	.04	.05	.06	.05	.05	.04	.05	.05	.05	.04	.154	23	.62
MEAN	.14	.14	.14	.16	.18	.25	.29	.28	.26	.24	.20	.17	.15	.11	.12	.11	.10	.10	.11	.11	.10	.11	.11	.13	.157		
NO.	29	29	29	29	29	29	29	29	29	28	26	29	28	29	28	29	30	30	30	30	30	30	30	30		698	
MAX.	.36	.34	.32	.30	.36	.54	.66	.90	.71	.65	.65	.55	.77	.23	.32	.38	.37	.43	.48	.25	.21	.65	.33	.38	.300		1.23

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-47.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

SULFUR DIOXIDE
NOV. 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.08	.13	.12	.13	.26	.29	.25	.25	.25	.15	.13	.10	.07	.06	.06	.08	.09	.12	.15	.17	.17	.14	.12	.11	.143	24	.40
2	.09	.06	.06	.09	.09	.13	.17	.21	.16	.28	.44	.11	.12	.32	.17	.15	.12	.09	.07	.05	.05	.05	.03	.04	.130	24	.68
3	.06	.08	.10	.16	.14	.13	.15	.43	.38	.41	.22	.11	.07	.05	.05	.05	.05	.08	.15	.14	.13	.14	.09	.16	.137	24	.59
4	.21	.10	.10	.13	.18	.20	.22	.30	.41	.39	.34	.27	.39	.38	.19	.15	.12	.17	.09	.11	.07	.07	.07	.06	.197	24	.62
5	.09	.08	.08	.09	.11	.14	.19	.45	.24	.17	.14	.15	.09	.08	.07	.07	.06	.08	.09	.08	.09	.09	.10	.13	.112	24	.29
6	.16	.17	.19	.19	.22	.27	.38	.46	.29	.14	.14	.16	.10	.10	.10	.15	.11	.13	.10	.08	.08	.07	.05	.07	.160	24	.53
7*	.09	.11	.18	.20	.17	.21	.28	.40	.29	.70	.66	.51	.31	.36	.29	.39	.41	.32	.23	.21	.16	.20	.17	.14	.290	24	.95
8*	.13	.26	.29	.21	.19	.19	.23	.45	.24	.20	.16	.07	.10	.08	.05	.05	.08	.13	.15	.34	.20	.14	.20	.16	.170	24	.48
9	.11	.11	.19	.17	.25	.27	.25	.27	.40	.39	.47	.33	.30	.41	.27	.36	.13	.29	.53	.40	.16	.11	.20	.38	.270	24	.84
10	.27	.26	.30	.23	.23	.26	.38	.36	.24	.16	.13	.11	.11	.05	.06			.06	.06	.07	.16	.09	.24	.19	.181	22	.47
11	.15	.10	.15	.33	.34	.38	.44	.65	.54	.33	.15	.30	.24	.21	.06	.05	.06	.05	.05	.05	.05	.05	.05	.08	.201	24	.82
12	.08	.07	.07	.05	.04	.05	.09	.31	.09	.06	.20	.24	.12	.13	.07	.04	.15	.36	.25	.39	.17	.06	.07	.06	.132	24	.57
13	.05	.06	.05	.06	.08	.15	.17	.31	.28	.23	.14	.10	.09	.14	.21	.16	.17	.14	.10	.17	.17	.16	.17	.14	.145	24	.37
14*	.13	.10	.15	.14	.14	.16	.23	.45	.20	.11	.09	.07	.06	.06	.05	.05	.08	.11	.13	.09	.10	.09	.07	.08	.114	24	.27
15*	.09	.10	.11	.12	.14	.11	.10	.13	.15	.12	.11	.14	.14	.10	.15	.14	.13	.11	.12	.16	.22	.46	.12	.13	.132	24	.36
16	.08	.09	.14	.08	.09	.11	.15	.17	.11	.11		.11	.09	.10	.08	.07	.10	.12	.10	.23	.21	.12	.08	.08	.113	23	.27
17	.08	.07	.08	.10	.15	.19	.29	.28	.27	.21	.13		.16	.14	.14	.12	.10	.10	.10	.11	.12	.17	.13	.12	.145	23	.38
18	.11	.15	.15	.15	.17	.21	.26	.28	.24	.18	.14	.11	.11	.11	.10	.09	.11	.21	.10	.10	.14	.18	.22	.18	.157	24	.32
19	.13	.13	.13	.15	.14	.23	.27	.25	.25	.26	.26	.21	.21	.23	.30	.32	.27	.16	.14	.13	.13	.14	.12	.10	.193	24	.39
20	.10	.11	.15	.22	.39	.26	.29	.46	.31	.25	.18			.20	.20	.17	.18	.18	.12	.12	.12	.12	.14	.15	.191	22	.59
21*	.14	.14	.13	.12	.12	.14	.16	.17	.18	.19	.18	.17	.17	.15	.16	.17	.17	.20	.19	.20	.19	.19	.26	.20	.170	24	.33
22*	.29	.24	.23	.26	.18	.20	.34	.38	.37	.38	.26	.22	.39	.21	.19	.11	.13	.20	.27	.40	.49	.28	.16	.20	.265	24	.62
23	.21	.23	.27	.32	.41	.35	.45	.39	.42	.47	.60	.37	.46	.46	.52	.49	.34	.25	.30	.62	.77	.72	.47	.35	.427	24	.91
24	.21	.25	.24	.23	.25	.24	.28	.31	.32	.49	.94	.60	.25	.19	.16	.15	.18	.22	.20	.27	.62	.30	.52	.47	.331	24	.35
25	.31	.29	.25	.29	.42	.67	.63	.65	.66	.59	.56	.45	.59	.57	.70	.58	.29	.41	.32	.24	.27	.36	.45	.34	.452	24	.92
26	.26	.24	.27	.20	.30	.37	.22	.17	.19	.24	.15				.19	.19	.22	.20		.21	.19	.13	.10		.210	19	.43
27																											
28*	.09						.14	.15	.13		.14	.14	.14	.14	.13	.14		.13	.12	.09	.12	.08	.10	.09	.122	17	.20
29*	.08	.11	.11	.11	.13	.13	.13	.14	.15	.20	.16	.15	.17	.18	.19	.19	.20	.23	.26	.24	.23	.21	.21	.20	.171	24	.28
30	.22	.26	.30	.33	.35	.40	.40	.47	.45	.48	.39	.36	.30	.24	.19	.22	.22	.16	.17	.22	.20	.26	.30	.50	.307	24	.66
MEAN	.14	.15	.16	.17	.20	.23	.26	.29	.28	.28	.26	.22	.20	.19	.17	.17	.16	.17	.17	.20	.20	.17	.17	.17	.170		
NO	29	28	28	28	28	28	29	29	29	28	28	26	27	28	29	28	27	29	28	29	29	29	29	28		678	
MAX	.31	.29	.30	.33	.42	.67	.63	.65	.66	.70	.94	.60	.59	.57	.70	.58	.41	.41	.53	.62	.77	.72	.52	.50	.452		1.35

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 21, 1968

Table 3-48.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

SULFUR DIOXIDE
DEC. 1968

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.47	.43	.45	.36	.25	.21	.22	.19	.19	.19	.20	.18		.23	.18	.17	.25	.21	.17	.23	.23		.21		.246	21	.64
2		.21		.31	.26	.29		.38	.33	.25	.35	.28	.47	.22	.22	.12	.14		.11						.250	15	.50
3																											
4																											
5*			.27	.20	.36	.43	.49	.55	.56	.58	.53	.46	.55	.40	.41	.44	.40	.37	.42	.38	.44	.44	.44	.48	.430	24	.60
6*	.43	.43	.50	.48	.53	.56	.53	.56	.43	.37	.30	.26	.18	.16	.17	.21	.24	.34	.50	.54	.55	.53	.48	.40	.399	24	.82
7	.50	.40	.36	.35	.42	.46	.43	.49	.37	.34	.37	.43	.41	.46	.33	.39	.30		.25	.21	.24	.20		.18	.355	22	.62
8	.16	.18	.22	.14		.12	.14	.19	.43	.31	.47	.31	.30	.25	.34		.48	.46	.42	.45	.41	.29	.29	.21	.291	22	.58
9	.46	.55	.45	.33	.43	.40	.43	.44	.38	.28	.20	.19	.18	.18	.17	.14	.17	.25	.24	.16	.18	.19	.26	.22	.285	24	.77
10	.21	.20	.20	.24	.27	.34	.49	.58	.56	.44	.44	.37	.42	.40	.39	.35	.30	.28	.30	.22	.21	.17	.15	.13	.318	24	.77
11	.11	.11	.09	.10	.14	.20	.34	.38	.36	.36	.31	.37	.26	.19	.18		.27	.39	.32	.45	.34	.36	.37	.39	.315	23	.74
12*	.26	.21	.26	.29	.25	.38	.34	.34	.39	.34	.20	.25	.23	.24	.15	.16	.17	.22	.30	.32	.18	.22	.32	.17	.257	24	.59
13*	.12	.13	.14	.13	.13	.15	.16	.18	.14	.13	.12	.10	.12	.13	.14	.16	.20	.33	.35	.40	.34	.33	.31	.29	.213	24	.65
14	.36	.39	.43	.39	.24	.19	.18	.21	.18	.16	.17	.15	.16	.19	.16	.20	.19	.13	.13	.12	.14	.14	.15	.16	.205	24	.49
15	.17	.17	.25	.26	.21	.29	.35	.53	.76	.48	.35	.36		.45	.32	.30	.33	.26	.22	.24	.28	.22	.17	.16	.306	23	.04
16	.15	.14	.13	.20	.29	.46	.64	.46	.34	.42	.50	.58	.40	.38	.31	.26	.45	.31	.34	.25	.33	.24	.13	.14	.327	24	.82
17	.14	.13	.14	.15	.18	.20	.25	.27	.26	.21	.20	.19	.19	.17	.16	.17	.19	.16	.16	.16	.18	.17	.16	.18	.181	24	.39
18	.18	.19	.21	.20	.24	.24	.27	.25	.29	.37				.73	.55			.30	.30	.48	.46	.41	.40	.47	.344	19	.92
19*	.39	.46	.48	.39	.48	.42	.26	.23	.19							.21	.25	.23	.17	.17	.39	.31	.33	.24	.310	18	.65
20*	.22	.21	.20	.20	.25	.24	.27	.36	.33	.32	.25	.27	.18	.17	.17	.18	.23	.33	.36	.37	.34	.30	.48	.43	.284	24	.60
21	.30	.33	.30	.28	.33	.46	.44	.36	.33	.30	.25	.25	.43	.30	.23	.24	.52	.35	.34	.29	.36	.35	.31	.16	.325	24	.76
22	.27	.33	.26	.34	.39	.51	.39	.31	.21	.21	.22	.20	.18	.38	.55	.23	.54	.60	.36	.32	.25	.36	.49	.36	.343	24	.86
23	.31	.31	.26	.25	.19	.30	.36	.30	.45	.41	.33	.54	.58	.40	.26	.20	.21	.15	.12	.28	.36	.22	.19	.31	.303	24	.68
24	.21	.19	.21	.18	.31	.26	.33	.31	.27	.27	.22	.22	.14	.11	.12	.13	.13	.11	.13	.14	.11	.09	.08	.09	.181	24	.48
25	.10	.13	.14	.12	.15	.19	.17	.18	.19	.25	.19	.12	.11	.12	.17	.13	.12	.08	.08	.10	.15	.26	.18	.18	.149	24	.33
26*	.15	.13	.13	.14	.13	.16	.17	.20	.17	.17	.17	.19	.19	.20	.20	.24	.26	.26	.34	.33	.37	.39	.43	.44	.231	24	.54
27*	.47	.47	.49	.40	.40	.48	.51	.26	.14	.12	.11	.12	.14	.14	.19	.17	.14	.11	.08	.06	.06	.08	.07	.10	.220	24	.60
28	.08	.08	.08	.14	.15	.16	.15	.15	.16	.17	.18	.13	.14	.13	.13	.12	.12	.11	.11	.13	.14	.19	.32	.21	.144	24	.44
29	.22	.18	.18	.16	.20	.20	.23	.24	.23	.25							.54	.47	.25	.23	.39	.46	.16	.17	.262	18	.64
30	.12	.11	.11	.13	.17	.14	.12	.12	.09	.13	.14	.13		.14	.15	.14	.14	.12	.11	.11	.10	.13	.13	.13	.126	23	.20
31	.15	.14	.13	.16	.17	.22	.23	.28	.16		.15	.17	.16	.16	.19	.11	.10	.07	.10	.07	.05	.05	.05	.07	.135	28	.33
MEAN	.25	.25	.25	.24	.27	.30	.32	.32	.31	.29	.26	.26	.25	.26	.24	.21	.26	.26	.25	.26	.28	.28	.26	.24	.266		
NO.	27	28	28	29	28	29	28	29	29	27	26	26	23	27	27	25	28	27	29	28	28	27	27	27		657	
MAX	.50	.55	.50	.48	.53	.52	.64	.58	.76	.58	.53	.58	.58	.73	.55	.44	.54	.60	.52	.54	.55	.53	.49	.47	.430		1.04

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

Table 3-49.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX
1	4.0	4.6	3.8	3.8	3.5	3.4	3.0	3.0	2.3	2.7	2.0	2.0	2.4	3.0	3.0	2.9	2.6	4.0	2.0	2.1	3.0	3.0	3.0	3.7	2.92	24	5.0
2										3.7	4.0		4.2	4.0	4.1	4.3	4.8	4.0	3.2	3.0	3.0	3.0	3.0	3.0	3.65	14	6.0
3	3.0	3.2	3.5	3.0	3.0	3.0	3.0	3.4	3.4	3.2	3.0	3.0	3.0	3.0	3.5	3.1	3.0	3.1	3.0	2.3	2.4	2.0	2.0	2.0	2.91	24	5.0
4*	2.2	2.2	2.1	2.0	2.0	2.0	2.0	2.3	3.0	3.0	3.0	3.0	3.5		3.6	3.0	3.4	3.0	3.0	3.0	3.1	3.0	3.8	3.0	2.77	23	6.0
5*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.8	3.0	3.0	3.0	3.0	2.9	2.0	2.0	2.0	2.0	2.81	24	3.0
6	2.0	2.0	2.0	2.0	2.1	2.0	2.1	3.0	3.0	3.0	3.0	3.0	2.8	3.1			2.7	3.3	3.1	3.1	3.1	3.1	3.3	3.8	2.74	22	4.0
7	3.7	3.5	3.0	3.0	3.0	3.0	3.3	3.8	3.8	3.8	4.0	3.1	3.2	3.6	3.6	3.8	3.9	4.0	3.1	3.1	3.2	3.0	3.0	3.0	3.38	24	5.0
8	3.0	3.0	3.0	3.0	2.8	3.0	3.0	3.4	3.3	3.0	3.0	3.1	3.1	3.1	3.5	3.3	3.7	3.6	3.1	3.0	3.3	3.0	4.8	3.7	3.22	24	7.0
9	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.6	3.3	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	2.8	2.7	2.3	3.02	24	4.0
10	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.1	2.8	3.0	3.0	3.0	3.0	2.9	3.2	3.9	3.7	3.5	3.1	3.2	3.2	3.9	3.8	3.17	24	6.0
11*	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.4	3.7	4.0	4.0	4.0	4.0	4.0	3.7	3.1	3.0	3.0	3.0	3.0	3.0	3.28	24	4.0
12*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
13	3.0	3.0	3.0	3.0	3.0	2.2	3.0	3.3	3.8	3.4	3.3	3.7	3.9	3.8			3.9	4.0	3.4	3.0	3.0	3.2	3.3	3.0	3.27	22	5.0
14	3.0	3.8	3.0	3.0	3.0	3.0	3.0	3.4	3.3	3.0	3.0			3.9	3.5	3.3	3.3	3.9	3.0	3.0	3.0	3.0	3.0	3.1	3.18	22	6.0
15	3.0	4.3	3.0	3.3	4.0	3.9	3.3	4.3	4.3	3.8	2.8	3.0	3.0	3.0	3.0	3.1	3.7	3.3	3.0	3.0	3.0	2.9	3.0	2.8	3.31	24	7.0
16	3.2	2.8	2.0	2.3	2.9	2.7	2.8	3.2	3.0	3.8	3.0	3.0	3.0	3.1	3.0	3.3	3.2	3.2	3.0	3.0	3.1	3.0	3.0	3.0	2.99	24	7.0
17	2.8	2.2	2.2	2.0	2.0	2.0	2.0	2.7	3.0	3.0	3.0	3.0	2.8	3.0	2.8	2.9	3.0	3.0	2.7	2.1	2.0	2.0	2.2	2.5	2.92	24	4.0
18*	2.5	3.1	2.5	2.0	2.0	2.0	2.0	2.8	2.9	2.9	3.0	3.8	3.1	3.0	3.3	3.8	3.8	3.1	3.1	3.0	3.0	3.0	3.0	3.0	2.89	24	5.0
19*	3.0	3.0	3.0	3.0	3.0	2.8	3.0	3.0	3.0	3.0	3.0	2.8	2.9	3.0	3.0	3.1	3.3	3.0	3.3	3.4	3.0	3.0	2.4	2.6	2.99	24	5.0
20	3.3	3.0	3.0	2.8	2.1	2.1	2.3	2.9	3.0	2.9	2.8	3.0	3.0	2.6	3.0	2.7	3.3	3.4	3.3	3.1	3.1	3.0	2.6	2.9	2.87	24	5.0
21	3.4	2.0	2.0	2.0	2.0	2.0	2.3	3.0	3.0	3.0	3.0			3.0	3.2	3.3	4.9	4.8	4.8	4.1	4.9	5.1	4.1	4.0	3.35	22	7.0
22	3.9	3.1	3.0	3.0	3.0	2.4	2.9	3.1	3.3	3.0	3.0	2.9	3.1	3.2	3.1	3.2	3.8	3.6	3.3	3.0	3.0	2.8	3.3	3.0	3.15	24	7.0
23	2.3	2.0	2.2	2.0	2.3	2.4	2.8	3.1	3.5	3.8	3.5	3.5	3.4	3.4	3.1	3.3	3.1	3.4	4.0	3.8	3.1	3.6	3.6	3.0	3.29	24	6.0
24	3.0	2.4	3.0	3.0	3.0	3.4	3.6	3.9	3.4	3.3	3.0	3.0	3.1	3.1	3.0	3.1	3.8	3.8	3.2	2.9	2.8	2.2	2.0	2.4	3.04	24	6.0
25*	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.99	24	3.0
26*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
27	2.0	2.0	2.0	2.0	2.0	2.2	2.7	3.2	3.0	2.2	2.8	2.8	2.0	2.4	2.3	3.1	3.0	3.2	3.0	3.0	3.0	2.8	3.5	2.8	2.61	24	5.0
28	2.0	2.3	2.0	2.0	2.0	2.0	2.3	3.0	3.0	2.8		3.3	3.0	3.1	3.1	3.3	4.0	3.8	3.8	3.1	3.3	3.0	3.0	3.0	2.87	23	4.0
29	3.1	3.0	2.8	3.0	3.0	2.9	2.8	3.0	3.1	3.0	3.0	2.9	3.0	3.1	3.0	3.0	3.5	4.0	4.0	3.4	3.0	3.3	3.7	4.3	3.19	24	6.0
30	4.1	3.0	3.0	3.0	2.8	2.5	3.0	3.0	4.0	3.0	2.8	2.6	2.3	2.2	2.6	3.4	3.0	2.8	5.3	4.3	4.0	4.0	3.9	4.5	3.37	24	7.0
31	3.7	2.5	2.0	2.0	2.0	2.0	2.3	3.0	2.8	2.5	2.3	2.6	2.3	2.4	2.8	3.0	3.0	2.7	2.4	2.0	2.0	2.0	2.0	2.1	2.43	24	4.0
MEAN	2.9	2.8	2.7	2.5	2.6	2.6	2.7	3.2	3.2	3.0	3.0	2.9	3.0	3.0	3.1	3.1	3.4	3.4	3.2	3.0	3.0	2.9	3.0	3.0	2.96		
NO.	31	30	30	30	30	30	30	30	30	31	30	28	29	30	29	29	31	31	31	31	31	31	31	31		724	
MAX.	4.1	4.6	3.8	3.8	4.0	3.9	3.6	4.2	4.0	3.8	4.0	3.8	4.2	4.0	4.1	4.3	4.9	4.8	5.3	4.3	4.9	5.1	4.8	4.5	3.65		7.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-50.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

TOTAL HYDROCARBON
FEB. 1964

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	2.8	2.0	2.0	2.0	1.8	1.1	1.3	2.0	1.8	1.8	1.9	2.8	2.5	3.0	2.8	3.2	2.9	3.1	2.8	2.7	2.9	2.3	2.3	2.8	2.33	24	4.0
2*	2.7	2.6	2.0	2.0	2.0	2.1	1.8	1.9	1.8	2.0	2.0	2.0	2.1	2.0	2.0	2.2	2.7	2.3	2.1	2.1	2.1	1.9	2.0	1.5	2.07	24	5.0
3	1.3	1.0	1.0	1.0	1.0	1.0	1.8	1.8	1.9	1.8	1.3	1.3	1.0	1.0	1.1	1.4	2.1	1.8	1.7	1.2	1.1	2.3	2.9	2.1	1.49	24	5.0
4	3.3	1.3	1.0	1.3	2.0	2.0	1.3	1.4	2.0	2.0				2.4	3.0	3.0	3.0	3.0	2.4	2.2	2.6	2.7	2.0	3.2	2.23	21	6.0
5	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.6	3.3	3.3	2.8	3.0	2.6	3.2	3.0	3.3			4.2	3.3	3.0	3.0	3.0	2.8	2.74	24	5.0
6	3.2	2.1	2.0	2.0	2.0	2.0	2.3	3.3	4.0	3.3	3.0	3.1	2.9	3.5	3.8	3.1	3.4	3.0	2.3	2.3	2.3	2.0	2.2	2.2	2.70	24	6.0
7	2.0	2.0	2.0	2.0	1.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0										1.97	15	2.0
8*																											
9*	2.2	2.3	2.0	3.0	3.0	3.0	2.6	2.3	2.0	2.0	2.1	2.0	2.1	2.3	2.6	3.1	3.3	2.9	3.1	2.8	2.0	2.0	2.2	2.0	2.47	24	4.0
10	2.0	2.0	2.0	1.8	2.0	2.0	2.0	2.7	2.7	2.6	2.6	2.3	2.1	2.0	2.0	2.6	2.6	2.3	2.0	2.0	2.0	2.3	2.0	2.3	2.19	24	4.0
11	3.5	3.0	2.0	2.0	2.0	2.0	2.2	2.4	2.8		2.3	2.7	2.0	2.4	2.8	3.0	3.0	2.9	2.8	2.2	2.0	2.0	2.0	2.3	2.43	23	6.0
12	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.6	2.5	3.0	2.3	2.2	2.0	2.0	2.0	2.0	2.11	24	3.0
13	2.0	2.1	2.0	1.9	1.9	2.0	2.0	2.3	3.0	3.1	2.9	2.8	2.8	2.5	2.6	3.3	2.9	3.0	2.8	3.1	2.2	2.1	2.4	2.1	2.44	24	4.0
14	2.4	2.5	2.0	2.0	2.0	2.0	2.1	3.8	4.8	3.2	2.3	2.3	2.7	3.0	2.9	2.7	3.1	3.0	2.8	2.9	2.9	3.0	3.0	3.0	2.75	24	6.0
15*	2.8	2.6	2.9	2.4	2.0	2.0	2.2	2.2	2.0	2.0	2.3	2.2	2.9	2.8	2.9	2.8	3.0	2.7	2.7	2.3	2.7	2.3	2.6	3.3	2.48	24	5.0
16*	2.6	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.1	2.2	2.5	2.8	2.6	2.3	2.8	2.3	2.3	2.2	2.1	2.20	24	3.0
17	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.1	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.3	2.5	2.2	2.0	2.0	2.0	2.0	2.0	2.09	24	3.0
18	2.4	2.0	2.0	2.0	2.4	3.0	3.5	4.9	3.8		3.0	3.1	3.0	2.9	3.1	3.0	3.5	3.3	2.8	2.8	2.4	3.3	3.3	3.0	2.97	23	6.0
19	2.1	2.0	2.1	2.0	2.0	2.0	2.3	3.3	3.3	3.2	2.8	2.7	2.8	2.8	2.8	3.1	3.7	3.4	2.7	2.1	2.6	2.4	3.0	2.0	2.61	24	5.0
20	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.4	3.0	2.7	2.8	2.9	3.0	3.0	3.3	3.0	3.2	3.0	2.3	2.0	2.1	2.2	2.0	2.0	2.46	24	4.0
21	2.0	2.2	2.0	1.9	2.0	2.0	2.0	3.1	2.8	2.2	2.1	2.2	2.2	2.4	2.4	2.8	3.3	3.3	2.8	2.4	2.4	2.3	2.1	2.3	2.36	24	4.0
22*	2.3	2.0	2.0	3.8	2.0	2.0	2.1	2.3	2.2	2.4	2.5	2.9	2.8	2.4	2.4	3.0	2.9	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.36	24	12.0
23*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
24	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.2	3.0	2.4	2.3	2.4	2.2	2.0	2.6		3.1	3.0	2.9	2.8	2.0	2.0	2.0	2.2	2.34	23	4.0
25	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.0	2.4	2.4	2.3	2.8	3.4	3.8	3.1	3.0	2.8	2.4	2.4	2.9	2.3	2.6	2.0	2.91	24	5.0
26	2.8	2.2	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.2	2.0	2.0	2.3	2.6	3.0	2.6	2.5	2.8	2.8	3.1	2.9	2.5	2.4	2.4	2.39	24	6.0
27	2.2	2.0	2.0	2.0	2.7	2.0	3.0	3.8	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.0	3.0	2.9	2.9	2.3	2.0	2.7	2.8	2.76	24	5.0
28	2.6	2.1	2.0	2.0	2.0	2.0	2.3	3.0	3.0	3.0	2.8	3.0	3.3	3.3	3.6	3.4	3.6	3.4	3.1	3.0	3.0	3.5	3.0	3.1	2.87	24	5.0
29*	3.2	3.0	3.0	2.5	2.0	2.0	2.0	2.4	3.0	3.0	2.7	2.8	3.0	2.7	3.0	3.0	3.0	3.0	2.8	3.0	3.0	2.7	2.0	2.3	2.70	24	5.0
MEAN	2.4	2.1	2.0	2.1	2.0	2.0	2.1	2.6	2.7	2.4	2.4	2.4	2.4	2.5	2.7	2.8	2.9	2.8	2.6	2.4	2.4	2.3	2.4	2.4	2.40		
NO.	28	28	28	28	28	28	28	28	28	26	27	27	27	28	28	26	26	26	27	27	27	27	27	27		653	
MAX.	3.5	3.0	3.0	3.8	3.0	3.0	3.5	4.9	4.8	3.3	3.0	3.1	3.3	3.5	3.8	3.4	3.7	3.4	4.2	3.3	3.0	3.5	3.3	3.3	2.97		12.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-51.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.8	2.1	2.0	2.6	3.0	3.0	3.5	3.1	3.0	3.0	3.0	3.0	2.45	24	4.0
2	3.0	3.0	3.0	3.0	3.1	3.1	3.0	3.8	5.3	4.5	3.9	3.4	3.0	3.3	3.8	4.1	4.6	4.6	4.2	4.0	3.7	3.7	4.4	4.2	3.72	24	7.0
3	3.0	3.0	3.1	3.1	2.9	3.1	3.3	4.5	5.1	4.3	4.1	4.3	3.3	3.9	4.5		4.7	4.4	4.0	3.0	3.0	2.9	2.8	3.3	3.63	23	7.0
4	3.0	3.3	2.8	3.0	2.8	2.1	2.3	3.1	3.0	3.3	3.3	3.3	3.3	3.9	5.0	5.0	4.3	4.8	3.5	3.0	3.0	2.4	2.4	2.3	3.26	24	7.0
5	2.5	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.4	3.0	2.6	2.1	2.0	2.0	2.0	2.6	2.9	2.18	24	4.0
6	2.5	2.0	2.0	2.8	3.0	2.8	2.3	2.8	3.0	3.0	3.0	3.0	2.8	2.8	2.9	3.0	3.0	3.0	3.0	3.0	3.0	2.1	2.1	2.0	2.70	24	3.0
7*	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0						7.1			6.0	5.1	5.3	5.2	5.2	5.1	5.0	3.67	17	8.0
8*	4.6	4.4	4.0	3.8	3.1	3.4	3.0	3.4	3.8	4.0	4.0	4.2	4.8	5.3	5.8	5.8	4.9	5.3	4.7	4.1	3.5	4.3	4.1	3.8	4.26	24	8.0
9	3.3	3.0	3.0	3.0	3.0	3.0	3.4	4.1	4.5	4.6	4.1	4.1	3.9	3.8	3.1	3.8	4.5	4.3	3.8	3.1	3.7	3.1	2.6	2.5	3.54	24	7.0
10	2.1	2.0	2.0	2.0	2.0	2.0	2.5	3.9	4.3	4.2	4.0		4.3	5.1	5.0	6.0	5.6	4.6	4.0	3.5	3.8	4.4	3.6	3.0	3.63	23	7.0
11	3.7	4.0	3.6	3.0	3.1	3.5	4.3	4.6	4.3	4.2	4.2	4.0	4.1	4.8	5.3	5.3	5.1	5.3	4.1	3.5	3.3	4.1	3.7	3.0	4.06	24	6.0
12	3.0	3.0	2.8	2.8	3.0	3.0	3.0	3.8	3.8	4.0	3.8	3.9	4.9	5.0	5.2	5.3	6.0	5.4	5.8	4.9	4.7	4.1	4.0	4.0	4.12	24	8.0
13	4.0	3.8	3.3	3.3	3.0	3.6	3.8	4.0	4.5	4.3	4.0	4.1	5.0	5.0	5.1	5.3	5.5	5.5	5.1	4.8	4.3	4.1	4.3	4.0	4.30	24	6.0
14*	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.2	4.0			4.0	3.7	4.0	4.0	4.0	4.0	4.0	4.0	3.7	3.1	3.0	3.0	3.0	3.79	22	5.0
15*	3.0	3.0	3.0	3.0	3.3	3.1	3.9	3.8	3.0	3.0	3.0	3.0	3.8	3.4	3.8	3.8	3.7	3.8	3.6	4.1	3.3	3.2	3.2	5.3	3.46	24	7.0
16	5.6	4.4	4.0	3.5	3.3	3.0	3.0	3.1	3.9	4.2	5.6	5.0	4.8	4.9	5.0	4.7	4.4	4.2	3.5	3.1	3.0	3.0	3.2	3.1	3.96	24	6.0
17	1.7	1.2	0.8	0.3	0.4	1.9	1.3	0.7	0.8	3.1			2.2	2.7	3.3	3.2	3.1	3.7	2.9	2.6	2.3	2.1	2.8	2.8	2.06	22	6.0
18	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.9	3.2	2.8	3.1	3.1	3.1	3.3	3.3	3.8	4.4	3.9	3.0	2.8	2.3	2.8	2.8	2.79	24	5.0
19	2.1	2.2	2.1	2.0	2.0	2.0	2.4	2.9	3.3	2.8	2.6	3.1	3.1	3.8	4.3	4.8	5.1	5.1	4.1	4.4	4.3	4.1	3.3	3.2	3.28	24	6.0
20	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.6	3.8	3.1	2.9	2.8	3.0	3.2	3.2	3.9	4.2	4.3	3.1	3.1	2.7	2.5	2.5	2.4	2.85	24	6.0
21*	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.7	3.1	3.0	2.9	3.4	3.1	3.0	3.0	3.8	3.2	3.8	3.7	3.8	3.2	3.4	2.9	3.04	24	6.0
22*	2.3	2.5	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.5	2.8	3.4	3.8	3.6	3.6	3.6	3.1	2.9	3.1	2.8	2.8	2.61	24	5.0
23	2.0	2.0	2.0	2.0	2.0	2.1	2.0	3.2	3.4	3.0	3.1	3.1	3.0	3.0	3.0	3.2	3.8	3.5	3.0	3.7	3.9	3.0	3.0	3.0	2.86	24	6.0
24	2.5	2.0	2.0	2.0	2.0	2.0	2.2	2.8	3.0	3.0	3.0	3.0	3.0			3.0	3.8	3.8	3.9	3.0	3.2	2.9	2.9	2.6	2.80	22	6.0
25	2.0	2.0	1.9	1.6	1.3	1.3	2.2	3.1	3.1	2.4	2.8	3.0	2.3	2.8	3.3	3.6	3.5	3.6	2.8	2.3	2.2	2.4	2.6	2.0	2.49	24	6.0
26	2.0	2.0	1.3	1.0	1.0	1.0	1.3	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0	1.83	24	3.0
27	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.5	2.4	2.3	2.5	2.5	2.9	2.8	2.9	3.6	3.8	3.8	2.9	2.3	2.5	2.0	2.0	2.1	2.49	24	6.0
28*	2.1	3.0	2.1	2.0	2.0	2.0	1.8			2.3	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.3	1.1	1.0	1.3	1.3	1.88	22	7.0
29*	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.5	1.1	1.3	1.7	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.6	1.6	1.3	1.47	24	3.0
30	1.0	1.0	1.0	1.0	1.0	1.0	1.7	2.0	2.0	2.1	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.7	2.1	2.3	2.0	1.78	24	3.0
31	1.4	1.2	1.1	1.0	1.0	1.0	1.6	2.7	2.7	2.0	2.6	2.4	2.9	2.8	3.0		3.6	3.0	2.9	2.3	2.3	2.4	2.1	2.0	2.22	29	5.0
MEAN	2.6	2.5	2.3	2.3	2.2	2.3	2.4	3.0	3.2	3.1	3.1	3.1	3.2	3.4	3.7	3.8	3.9	3.9	3.5	3.2	3.0	2.9	2.9	2.9	3.00		
NO.	31	31	31	31	31	31	31	30	30	29	28	28	30	29	30	28	30	31	31	31	31	31	31	31		720	
MAX.	5.6	4.4	4.0	4.0	4.0	4.0	4.3	4.6	5.3	4.6	5.6	5.0	5.0	5.3	7.1	6.0	6.0	6.0	5.8	5.5	5.2	5.2	5.1	5.3	4.30		8.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-52.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

TOTAL HYDROCARBON
APRIL 1964

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX.
1	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.4	2.0	2.0	2.7	3.0	2.9	2.9	3.1	3.1	3.2	2.6	2.8	2.8	2.4	2.8	2.5	2.46	24	6.0
2	2.4	2.0	2.3	2.3	3.0	2.6	2.8	4.1	4.4	4.3	4.3	3.8	3.2	3.9	4.3	5.3	5.6	5.6	4.3	3.3	3.2	2.3	2.0	2.6	3.48	24	7.0
3	2.0	2.0	2.0	1.8	1.7	1.3	2.2	2.6	2.5	2.7	2.7	2.1	2.3	2.8	3.1	3.6	3.5	3.8	3.0	3.1	2.8	2.7	3.1	2.7	2.53	24	5.0
4*	2.3	2.0	2.0	2.0	2.1	2.0	2.0	2.6	2.3	2.3	2.7	2.8	2.9	2.8	3.4	3.9	3.9	4.3	4.3	4.4	4.5	3.4	3.0	3.0	2.93	24	6.0
5*	2.8	2.1	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.9	3.0	3.0	3.8	4.8	4.7	4.2	3.6	3.1	2.8	2.0	2.4	2.8	3.0	2.78	24	5.0
6	2.4	2.4	2.0	2.0	2.0	2.0	2.0	2.6	3.2	3.4	3.0	3.1	3.5	4.3	4.8	5.2	4.7	5.3	7.3	4.5	3.3	3.7	4.1	4.0	3.65	24	10.0
7	4.7	3.9	3.1	3.4	3.2	3.1	3.2	3.9	3.8	3.2	3.1		2.1	2.7	3.3	4.0	3.0	2.6	2.2	2.1	2.0	2.0	2.3	2.0	2.98	23	9.0
8	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.2	2.3	2.0	2.0	2.0	2.0	4.0	2.2	2.7	3.1	3.8	3.0	3.0	3.0	3.0	3.0	3.0	2.41	24	4.0
9	3.0	2.3	2.0	2.0	2.0	2.0	2.7	3.1	2.9	2.5	2.3	2.2	2.3	2.0	2.9	3.0	3.0	3.0	3.0	3.0	2.3	2.1	2.4	3.5	2.58	24	5.0
10	2.0	2.0	2.0	2.0	2.0	2.0	2.8	4.1	3.6	2.7	2.8	3.0	3.0	3.0	3.0	3.6	3.3	3.3	3.2	3.5	3.0	3.3	4.3	4.3	2.98	24	9.0
11*	2.8	2.7	2.7	2.6	2.0	2.0	2.0	2.1	2.2	2.1	2.0	2.0	2.3	2.8	2.1	2.2	2.1	3.1	3.0	3.7	4.0	3.1	3.2	3.0	2.96	24	5.0
12*	3.0	3.0	3.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.4	2.2	2.1	2.5	2.1	2.0	2.0	2.21	24	9.0
13	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	1.4	1.0	1.0			1.5	2.0	2.0	2.0	2.5	2.0	2.0	2.0	1.88	22	4.0
14	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0			2.1	2.8	3.1	3.0	3.1	3.3	3.4	3.0	3.0	3.0	3.1	3.4	3.0	2.60	22	5.0
15	3.7	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.3	3.1	3.0	3.0	3.0	4.0	4.1	5.0	4.2	4.1	3.3	3.0	3.3	3.6	3.4	3.1	3.40	24	6.0
16	3.0	3.0	3.0	3.0	3.0	3.0	3.3	4.0	3.9	3.6	3.3	3.8	4.0	4.2	4.0	4.0	4.1	4.3	4.4	4.0	4.1	4.4	4.6	4.0	3.74	24	6.0
17	4.8	3.7	3.0	3.0	3.0	3.0	3.3	3.9	4.1	3.5	3.1	3.2	3.9	4.0	4.0	4.0	4.2	4.5	4.1	4.0	4.0	4.0	4.0	4.9	3.78	24	5.0
18*	4.8	4.2	3.1	3.0	3.0	3.0	3.0	3.1	3.4	2.9	3.0	3.1	3.5	4.1	4.0	4.8	4.3	4.0	3.6	3.3	3.4	3.3	3.3	3.9	3.53	24	7.0
19*	3.9	3.4	3.0	3.0	2.6	2.0	2.0	2.3	2.5	3.0	3.0	3.0	3.1	3.3	3.9	4.2	4.1	4.6	4.1	3.8	3.6	3.4	3.3	3.3	3.24	24	8.0
20	3.0	2.8	2.6	2.1	2.0	2.0	3.2	4.8	3.5	4.8	4.3		2.9	3.9	4.1	4.5	5.3		4.6	4.0	4.2	3.3	2.8	2.8	3.59	22	9.0
21	3.2	3.0	2.7	2.0	2.0	2.0	3.0	3.1	3.8	3.1	3.0	3.0	2.9	3.0	3.1	3.8	3.6	3.9	3.5	3.1	3.0	3.0	3.0	4.4	3.08	24	7.0
22	3.0	2.2	2.0	2.0	2.0	2.0	2.3	3.1	3.0	2.1	2.3	2.1	2.0	2.5	3.0	3.3	3.6	3.4	3.5	3.1	4.2	4.3	4.2	4.0	2.90	24	5.0
23	3.4	3.2	3.0	3.0	3.0	3.0	3.3	4.5	4.6	3.3	3.2	3.1	3.1	3.2	3.7	4.1	3.7	4.4	3.8	3.0	3.3	3.1	3.1	2.7	3.39	24	7.0
24	2.0	2.0	2.0	2.0	2.2	2.0	2.4	3.9	3.4	3.0	3.0	2.6	2.8	3.2	4.1	4.4	4.8	5.3	4.7	4.1	3.8	3.9	4.8	4.0	3.34	24	8.0
25*	4.0	3.2	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.0	3.2	3.3	3.8	4.8	4.8	4.9	4.9	4.4	4.1	4.3	4.0	4.1	4.1	4.0	3.74	24	6.0
26*	4.1	3.7	3.1	2.8	2.4	2.0	2.2	2.8	3.0	2.8	2.8	3.0	3.5	3.9	4.5	4.2	4.3	3.1	3.0	3.0	2.4	2.0	2.4	2.0	3.03	24	6.0
27	2.0	2.0	2.0	2.0	2.0	2.3	3.2	3.1	3.4	3.4	3.0	3.3	3.3	3.0	3.0	3.0	4.1	3.5	3.2	3.0	2.7	4.3	4.3	3.5	2.84	24	7.0
28	3.4	2.1	2.2	2.5	2.1	2.8	3.3	4.0	3.6	3.2	2.8	3.1	2.7			4.8	5.2	4.0	3.8	3.8	3.8	5.0	5.1	4.1	3.53	22	8.0
29	3.7	3.0	3.0	3.0	3.0	3.3	4.0	4.3	3.9	3.5	3.5	3.2	2.9	3.0	3.3	3.3	3.6	3.1	3.1	3.0	3.6	3.0	3.3	3.0	3.31	24	5.0
30	2.3	2.1	2.0	2.0	2.0	2.1	3.0	3.2	2.9	2.6	2.8	2.7	2.8	2.9	3.1	3.2	3.1	3.3	3.0	3.2	3.1	3.3	2.9	2.5	2.74	24	4.0
MEAN	3.0	2.6	2.5	2.4	2.3	2.3	2.6	3.1	3.2	2.9	2.9	2.8	2.9	3.1	3.5	3.8	3.8	3.9	3.5	3.3	3.2	3.1	3.2	3.2	3.04		
NO.	31	30	30	30	30	30	30	30	30	29	29	28	29	29	28	29	30	30	30	30	30	30	30	30		711	
MAX.	4.8	4.2	3.7	3.4	3.0	3.3	4.0	4.8	5.5	4.8	4.3	3.8	4.0	4.8	5.8	5.3	5.6	5.3	7.3	4.5	4.5	5.0	5.1	4.9	3.78		10.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-53.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CHICAGO, ILL.

TOTAL HYDROCARBON
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX.
1	2.2	3.0	3.0	2.8	3.0	3.4	4.9	4.3	4.8	3.0	3.7	3.5	3.8	4.8	3.8	4.3	6.4	5.8	5.3	5.8	5.3	4.6	4.3	4.5	4.07	24	9.0
2*	4.0	3.3	2.8	2.8	4.8	3.0	3.3	2.8	2.3	3.4	4.5	5.4	5.2	6.3	6.9	6.2	5.3	5.4	4.9	5.3	4.8	4.8	4.7	4.8	4.36	24	8.0
3*	4.2	3.1	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.8	4.0	3.3	3.8	4.8	6.0	6.3	6.8	7.2	7.3	6.3	5.4	4.5	5.0	4.5	4.46	24	8.0
4	4.0	4.0	3.6	3.0	3.3	3.9	4.3	6.2	4.8	4.3	4.0	3.6	3.4	3.8	4.0	4.2	4.7	4.6	4.4	5.1	5.6	4.8	4.8	4.7	4.28	24	9.0
5	4.0	4.0	4.0	4.0	4.0	4.4	5.2	5.0	4.5	4.1					4.4	5.0	4.3	4.7	4.2	4.0	4.0	4.2	4.0	4.0	4.28	20	6.0
6	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.3	3.6	3.9	3.6	3.9	4.0	4.1	4.2	3.9	3.0	3.0	3.0	3.1	3.0	3.8	3.0	3.64	24	9.0
7	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.7	3.1	3.4	3.3	3.1	3.0	3.8	3.4	3.2	4.0	4.0	4.0	4.0	4.0	4.2	4.4	4.3	3.49	24	7.0
8	4.0	3.6	3.7	3.7	4.4	4.0	4.8	4.4	4.0	3.8	3.5	3.3	4.1	3.9	3.3	3.5	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.55	24	6.0
9*	3.3	3.0	3.0	3.0	3.0	3.0	3.0	2.7	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.4	3.0	3.8	4.0	4.0	4.0	4.0	4.0	3.22	24	4.0
10*	3.5	3.1	3.0	3.0	3.0	3.1	3.0	3.0	3.0	2.1	2.9	3.0	3.0	3.0	3.3	4.0	4.9	4.2	4.8	4.9	5.5	5.7	6.8	6.5	3.84	24	8.0
11	6.8	6.5	6.0	5.4	6.4	7.2	7.6	6.9	4.1	4.0	3.3	4.1	4.1	3.9	4.2	5.1	4.8	5.4	4.4	3.6	3.4	3.2	3.0	3.0	4.80	24	10.0
12	2.3	2.1	2.0	2.0	4.1	3.8	4.7	3.5	3.3	2.8	3.2	3.6	3.6	3.7	4.2	4.3	4.1	4.3	3.3	3.8	3.3	3.4	3.8	3.3	3.36	24	6.0
13	2.9	3.0	3.0	3.0	3.0	3.3	4.0	4.8			3.9	4.2	4.0	4.6	4.9	5.4	4.7	4.5	4.0	4.0	4.0	4.3		3.3	3.93	21	6.0
14	3.1	3.2	3.0	3.0	3.4	4.7	5.3	5.3	4.8	4.6	4.8	4.6	4.0	4.3	5.1	5.0	4.6	4.4	4.3	4.1		4.2	5.5	6.1	4.39	23	7.0
15	6.6	5.3	5.0	5.0	5.3	5.6	6.1	5.8	4.8	4.3	4.7	4.3	4.3												5.10	18	9.0
16*																											
17*	2.8	2.8	3.4	3.1	2.7	2.0	2.0	2.0	2.0	2.8		4.3	4.6	4.9	5.0	4.6	4.8	3.8	4.3	4.0	3.2	3.2	3.0	2.6	3.37	23	6.0
18	2.0	2.0	2.0	2.1	2.0	2.3	2.9	3.3	3.0	2.1	2.0	2.5	3.3	3.1	2.9	2.8	2.7	2.1	2.3	2.9	2.3	2.1	2.4	2.0	2.45	24	5.0
19	2.0	3.5	2.0	2.0	2.0	2.1	2.9	2.6	2.1		2.9	3.0	3.0				3.1	3.5	3.0	3.0	3.0	3.0	2.9	2.3	2.69	20	6.0
20	2.0	2.1	2.0	2.0	2.0	2.3	3.3	3.2	2.6	2.3	2.4	3.1	3.0	3.1	3.8	3.9	3.6	3.0	2.8	3.0	2.2	2.3	2.1	2.0	2.65	24	6.0
21	2.0	2.0	2.0	2.0	2.0	2.8	2.9	2.8	2.9	2.6	3.0	3.1	3.3	3.4	3.3	3.5	3.3	3.4	3.4	4.3	5.0	3.9	3.1	3.8	3.07	24	7.0
22	2.8	2.0	2.0	2.0	2.0	2.1	3.0	3.0	3.1		3.1					3.1	3.1	3.1	3.0	3.3	3.5	3.1	3.1	3.0	2.80	19	5.0
23*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.98	24	3.0
24*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.6	4.1	3.9	3.8	3.5	3.18	24	5.0
25	3.1	3.1	3.0	3.3	3.3	4.3	6.8	5.3	4.6	4.0	4.0	4.0	3.8	3.9	4.3	4.3	5.0	4.6	4.2	4.7	4.1	4.1	5.3	6.5	4.30	23	11.0
26	6.7	4.4	4.0	4.0	4.0	4.0	4.3	4.3	3.6	3.4	3.8	3.0			2.0	2.2	2.8	3.3	3.2	2.8	3.0	3.1	3.1	3.1	3.55	22	10.0
27	3.8	3.3	3.0	3.0	3.0	3.0	3.3	4.4	4.3	3.2	3.1	3.2	3.0	3.0	3.0	3.3	3.4	3.1	2.8	3.0	3.0	3.0	4.3	2.7	3.24	24	8.0
28	2.2	2.0	2.0	2.0	2.0	2.6	3.5	3.5	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.7	3.4	3.5	3.6	3.3	3.4	3.4	3.1	3.4	2.99	24	5.0
29	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.3	3.4	3.3	3.0	3.1	3.1	3.3	3.9	3.9	3.8	3.8	3.8	3.5	4.0	4.1	4.0	3.5	3.39	24	6.0
30*	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0			3.1	3.5	3.9	3.5	3.6	3.2	3.3	3.9	3.7	3.2	3.5	3.4	3.27	22	5.0
31*	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.1	3.2	3.6	3.6	3.8	3.3	3.2	3.2	3.1	3.4	3.1	3.14	24	4.0
MEAN	3.4	3.2	3.1	3.0	3.1	3.4	3.9	3.8	3.3	3.3	3.4	3.5	3.5	3.8	3.9	4.0	4.0	3.9	3.8	3.9	3.8	3.7	3.8	3.7	3.58		
NO.	30	30	30	30	30	30	30	30	29	27	27	27	27	25	27	28	29	29	29	29	28	29	28	29		687	
MAX.	6.8	6.5	6.0	5.2	6.4	7.2	7.6	6.9	4.8	4.6	4.8	5.4	5.2	6.3	6.9	6.3	6.8	7.2	7.3	6.3	5.6	5.7	6.8	6.5	5.10		11.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 21, 1968

Table 3-54.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JUNE 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	3.0	3.0	3.0	3.0	3.0	3.3	4.3	4.1	3.4	3.0	2.8	3.0	3.1	3.3	3.3	3.4	4.0	3.4	3.0	3.6	3.2	3.0	3.0	3.0	3.25	24	9.0
2	4.0	4.1	4.3	5.2	6.1	7.1	7.8	5.5		4.7	3.0	3.3	3.4	3.3	4.1	5.5	4.8	4.3	3.8	4.0	4.1	3.8	3.7	4.3	4.42	23	12.0
3	3.3	3.8	3.9	3.5	3.1	3.7	4.0	3.8	3.0	3.0	3.1	3.3	3.3	3.6	4.0		4.3	3.9	3.5	4.0	3.8	4.3	4.7	4.2	3.69	23	5.0
4	4.0	4.4	4.4	4.3	3.0	6.2	7.4	5.8	4.4	4.0	3.3	3.1	3.9	4.0	4.3	4.3	4.3	4.1	4.0	3.8	3.5	3.3	3.1	3.7	4.26	24	9.0
5	3.0	3.0	3.0	3.0	3.0	3.3	4.1	3.8	3.8		3.8	3.1	3.8	4.2	4.0	3.7	4.9	3.9	3.6	4.0	4.0	4.0	4.1	4.0	3.65	23	6.0
6*	3.7	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.0	3.0	3.5	3.3	3.3	3.7	4.0	3.9	4.2	4.4	4.5	3.7	4.2	3.9	5.1	6.7	3.70	24	8.0
7*	6.4	6.0	5.3	4.6	4.0	3.8	4.8	4.4	4.0	3.9	4.0	4.0	3.8	3.2	3.9	4.2	3.8	4.1	4.0	4.2	4.0	4.2	4.0	3.9	4.26	24	7.0
8	3.2	3.0	3.0	3.0	3.0	3.6	4.8	4.6		3.3	3.8	3.4	3.6	4.1	4.2	4.8	4.1	3.3	3.0	4.2	4.1	3.0	3.0	3.3	3.62	23	8.0
9	3.1	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.01	24	4.0
10	2.4	2.3	2.7	3.0	3.0	3.4	4.1	4.2	3.5	3.3	3.3	4.3			3.3	3.0	3.8	3.1	3.0	3.3	3.8	3.4	3.2	3.5	3.30	22	7.0
11	3.5	3.0	3.0	3.0	3.7	3.0	3.7	2.3	2.8	4.9	3.1	3.3	3.0	3.0	4.3	4.4	4.5	4.2	4.1	4.0	3.6	3.6	3.3	3.0	3.41	24	7.0
12	3.0	3.0	3.0	3.0	3.0	3.4	3.8	4.3	3.9	3.7	3.6	3.1	3.1	3.0	3.4	4.3	4.1	3.7	3.1	4.3	4.3	3.6	3.6	4.3	3.71	24	9.0
13*	4.5	3.3	3.9	3.0	3.4	3.0	3.0	3.4	3.0	3.0	2.6	3.1	3.0	3.0	3.3	4.3	4.0	3.8	5.0	4.2	4.2	3.6	3.8	5.1	3.59	24	7.0
14*	4.7	4.0	3.0	3.0	3.0	3.0	3.0	3.4	3.1	3.4	3.1	3.2	3.3	4.0	4.6	4.9	4.6	4.8	3.8	4.3	4.2	4.0	3.3	3.1	3.63	24	6.0
15	3.0	3.0	3.0	3.0	3.0	3.4	4.9	4.8	4.3	3.9	4.4	4.6	4.8	4.6	5.1	4.9	4.8	4.9	3.7	3.4	3.0	3.3	3.0	3.0	3.91	24	9.0
16	3.0	3.0	3.3	4.3	3.4			4.0	3.7	3.4	3.2	3.1	3.3	3.5	3.6	3.2	4.0	3.8	4.0	3.3	3.2	3.8	3.5	3.6	3.58	24	8.0
17	3.0	3.0	3.0	3.0	3.0	3.8	3.6	4.0	3.7	3.4	4.0	3.8	3.4	3.6	4.3	4.1	5.1	4.3	4.0	4.3	3.4	4.3	4.0	3.5	3.81	24	7.0
18	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.1	3.7		3.1	2.4	3.1	3.4	3.6	3.8	3.9	3.0	3.2	3.3	3.3	3.1	3.7	3.8	3.32	25	5.0
19	3.3	3.0	3.0	3.0	3.0	3.1	3.7	3.7	3.5	3.0	3.0	2.7	3.0	3.4	3.4		3.6	3.0	4.6	4.0	4.6	3.8	3.6	3.0	3.41	23	6.0
20*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.5	3.0	3.1	3.0	3.7	3.6	3.3	3.4	3.3	3.8	3.9	4.3	3.8	3.8	3.3	3.32	24	6.0
21*	3.6	4.8	4.3	3.3	3.0	3.0	3.0	3.4	3.0	3.0	3.0	3.0	3.3	4.0	3.7	3.2	3.9	4.7	4.4	4.0	3.9	4.1	3.7	3.5	3.59	24	6.0
22	3.0	3.0	3.0	3.0	3.0	3.9	4.9	4.6	4.0	3.8	3.3	4.2	4.2	3.8	4.3	4.2	4.9	4.3	4.0	4.0	4.2	3.6	3.1	3.0	3.79	24	8.0
23	4.1	3.3	3.3	3.9	3.3	3.2	3.6	3.7	3.1	3.0	3.0	3.0	3.0	3.3	3.1	3.2	3.0	3.5	3.0	3.1	3.0	4.8	4.7	3.8	3.37	24	8.0
24	3.0	3.0	3.0	3.4	3.3	4.0	4.4	4.3	3.9	3.3	3.5	3.8	4.0	4.0	4.3	4.0	3.8	3.3	3.2	3.9	4.3	3.8	4.1	4.7	3.78	24	6.0
25	5.8	6.9	7.6	6.0	7.6	6.1	6.4	4.8	4.3		3.1	3.0	3.9		4.0	4.2	4.8	4.2	4.1	5.4	6.2	6.0	5.3	5.0	5.18	22	10.0
26	6.3	6.1	5.0	5.0	5.0	5.3	5.2	5.3	4.9	4.6	4.0	5.0	5.0	5.0	5.1	5.4									5.14	10	10.0
27*																											
28*																											
29																											
30																											
MEAN	3.7	3.6	3.6	3.5	3.6	3.8	4.3	4.0	3.6	3.3	3.3	3.4	3.5	3.6	3.9	4.0	4.1	3.8	3.7	3.9	4.0	3.9	3.8	3.8	3.74		
NO.	25	26	26	26	26	25	25	26	24	23	26	26	25	24	26	24	25	25	25	25	25	25	25	25		604	
MAX.	6.4	6.9	7.6	6.0	7.6	7.1	7.8	5.8	4.9	4.6	4.4	5.0	5.0	5.0	5.1	5.5	5.1	4.9	5.0	5.4	6.2	6.0	5.6	6.7	5.18		12.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-55.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CHICAGO, ILL.
TOTAL HYDROCARBON
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1																											
2																											
3																											
4*																											
5*																											
6																											
7																											
8																											
9																											
10																											
11*																											
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18*																											
19*																											
20																											
21																											
22																											
23												4.3	4.0	4.4	5.4	5.1	4.9	4.3	5.2	5.2	4.3	4.3	3.5	3.4	4.48	13	7.0
24	3.0	3.0	3.1	3.1	4.0	4.9	6.3	5.9	4.8	4.0	3.7	3.9	4.3	5.0	4.7	5.0	4.1	4.1	4.0	4.5	4.5	4.5	5.3	4.7	4.34	24	9.0
25*	4.3	4.1	3.0	3.0	3.0	3.0	2.9	3.1	3.3	4.2	4.3	4.0	4.0	3.4	3.8	3.3	3.8	3.4	3.9	4.3	4.1	4.3	4.2	4.1	3.70	24	6.0
26*	4.5	5.4	4.3	4.0	4.0	4.1	3.8	3.2	3.2	3.2	3.0	3.1	3.0	3.1	3.0	3.0	3.3	4.7	4.0	3.8	3.5	3.1	4.1	5.3	3.71	24	6.0
27	5.0	4.2	4.0	3.8	4.3	4.9	5.0	4.0	3.9	3.3	3.1	3.1	3.1	3.2	3.2	3.8	3.8	3.1	3.0	3.5	4.6	3.8	3.3	4.1	3.77	24	10.0
28	3.7	3.7	3.0	3.0	3.0	3.7	5.5	5.3	3.3	4.2	3.1	3.0	3.4		4.0	4.0	4.0	3.3	3.0	3.2	4.1	3.6	3.8	4.0	3.76	23	10.0
29	3.0	3.0	3.0	3.0	3.0	3.3	4.0	4.3	4.1				3.8	4.0	4.3	4.4	4.5	3.7	3.2	3.4	3.8	4.2	3.3	3.3	3.63	21	6.0
30	3.1	3.0	3.0	2.8	2.4	3.5	3.9	4.4	3.3	2.8	3.8	3.8	4.0	4.0	4.1	4.4	4.3	3.6	3.1	3.8	2.1	2.2	2.0	2.1	3.30	24	8.0
31	1.8	1.8	1.2	1.0	1.2	1.5	1.6	1.0	1.4	1.3	1.6	1.3	2.6	1.3	1.3	1.3	2.4	2.1	1.9	2.2	3.9	3.4	3.0		1.82	23	4.0
MEAN																											
NO	2	8	8	8	8	8	8	8	8	7	8	8	9	8	9	9	9	9	9	9	9	9	9	8		200	
MAX	5.0	5.4	4.3	4.0	4.3	4.9	6.3	5.9	4.8	4.2	4.3	4.3	4.3	5.0	5.4	5.1	4.9	4.7	5.2	5.4	4.6	4.5	5.8	5.3	4.48		10.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-56.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

TOTAL HYDROCARBON
AUG. 1964

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*																											
2*																											
3																											
4	3.0	3.0	2.1	1.8	2.0	2.7	4.0	3.0	3.6	3.4	3.3	4.0	3.5	3.9	4.8	5.0	5.3	4.6	3.9	3.3	3.9	3.8	3.5	3.0	3.51	24	8.0
5	2.8	2.6	2.1	2.8	2.0	2.7	4.3	4.0	3.9	3.5	3.6	3.8	3.7	2.7	2.3	4.3	3.8	1.0	0.0	0.3	0.4	3.6	1.9	0.0	2.60	24	6.0
6	0.0	0.0	1.8	2.3	2.8	4.0	4.3	0.3	0.8	0.1	1.7	4.1	4.0	4.1	4.2	4.5	4.1	2.2	0.0	0.1	1.7	0.8	0.0	0.0	1.98	24	6.0
7	0.0	0.5	0.0	0.8	1.2	0.3	0.8	0.1		4.3	4.2	3.9	4.0	4.0	4.0	3.9	3.3	3.1	5.2	5.8	4.5	3.3	1.8	1.3	2.61	23	7.0
8*	3.8	4.0	3.9	4.0	3.2	4.0	3.3	0.7	0.7	0.0	1.8	5.0	4.3	3.8	1.0	1.0	2.3	1.7	2.5	3.8	1.9	1.0	0.7	1.0	2.45	24	6.0
9*	0.5	0.3	0.0	0.0	1.7	3.9	3.4	1.5	1.2	1.0	1.0	1.0	1.5	2.2	1.2	1.0	1.0	1.0	1.0	2.1	1.8	1.9	2.3	1.9	1.42	24	5.0
10	2.0	1.9	1.0	1.0	1.0	1.0	1.2	1.0				4.0	4.0	4.4	5.0	5.0	4.8	4.3	4.4	5.2	4.1	4.0	4.0	4.5	3.22	21	7.0
11	5.1	3.7	3.0	3.0	3.0	3.8	4.6	4.1	4.0	4.0			4.0	4.0	4.0	4.1	4.1	4.0	4.0	4.0	4.3	4.4	4.0	4.0	3.95	22	8.0
12	4.0	4.0	3.5	3.0	3.0	3.7	4.2	4.8	4.2	4.0	4.5	4.0	4.0	4.0	4.6	4.9	4.7	4.1	4.0	4.0	4.1	4.0	4.0	4.0	4.04	24	7.0
13	4.9	3.5	3.0	3.0	3.0	3.4	4.9	4.1	4.3	4.0	4.3	4.2	4.3	4.9	5.2	5.2	5.0	4.3	4.3	4.0	4.2	3.3	3.0	3.8	4.03	24	6.0
14	4.7	6.0	4.3	4.3	3.1	6.0	6.5	5.4	4.3	4.2	4.1	4.1	3.9	3.8	4.3	4.5	4.9	4.3	4.7	4.4	4.2	4.1	3.7	3.2	4.52	24	6.0
15*	5.8	4.8	4.7	5.0	4.1	4.2	4.1	4.1	3.3				3.3	3.8	4.0	4.0	4.3	5.0	4.6	5.0	4.8	4.8	4.7	4.5	4.34	22	7.0
16*	3.2	3.1	4.0	3.3	3.0	3.5	3.0	3.0	3.2	3.6	3.1	3.0	3.4	3.3	3.6	3.4	3.0	3.0	3.0	3.3	4.0	4.5	4.0	4.7	3.41	24	5.0
17	4.3	5.0	4.4	4.0	3.5	3.2	4.5	4.4	4.1		3.8	3.4	3.0	3.3	3.3	3.3	4.8	4.5	3.7	4.0	4.2	4.0	4.1	3.9	3.91	23	6.0
18	3.0	3.0	3.0	3.0	3.0	3.4	5.0	4.5	4.1		3.0	3.1	3.5	3.8	4.2	3.8	4.0	5.6	3.0	3.1	3.3	4.2	3.3	3.0	3.46	23	6.0
19	3.0	3.1	2.3	2.3	2.0	2.5	3.4	3.0	3.0	3.1	3.6			3.0	3.9	3.9	3.9	3.3	3.0	3.3	3.3	4.4	4.0	3.3	3.20	22	6.0
20	3.3	3.0	3.0	3.0	2.9	3.0	3.3	4.3	4.8	4.4	4.0	4.1	4.3	3.8	3.7	3.9	4.2	3.7	3.3	3.7	3.7	4.4	3.0	3.1	3.65	24	6.0
21	3.9	3.0	3.0	3.0	3.0	3.3	4.0	4.4	3.8	3.7	3.0	3.8	3.3	3.3	3.8	3.7	3.5	3.2	3.1	4.1	4.8	6.0	5.4	7.8	3.89	24	14.0
22*	4.2	4.0	4.0	4.0	4.0	4.7	4.0	5.3	4.6	3.3	3.2	3.8	3.2	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.57	24	7.0
23*	3.0	3.0	3.0	2.1	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.8	2.8	3.0	3.0	3.0	3.5	3.0	3.0	3.3	3.0	3.0	3.0	3.4	2.72	24	5.0
24	3.5	4.0	3.4	3.0	3.0	3.8	5.0	4.8	3.7	3.0	3.0	3.0	3.2	3.0	3.2	3.8	3.5	3.0	3.1	3.3	3.0	3.0	3.0	3.5	3.40	24	6.0
25	3.0	2.5	2.2	2.0	2.0	3.1	4.1	4.1	3.4		3.1	3.2	3.0	3.0	3.4	3.6	3.7	3.1	3.4	3.7	3.3	4.0	4.3	3.9	3.25	23	8.0
26	3.4	3.5	3.3	3.0	3.6	4.9	7.6	5.9	4.3	3.8	3.9	4.2	4.0	4.0	4.3	4.8	4.0	4.0	4.0	4.0	3.8	4.0	4.0	4.0	4.17	24	8.0
27	4.0	4.0	4.0	4.0	3.8	3.8	4.5	5.0	4.0	4.0	4.0	4.0	4.0	4.0	4.2	4.6	4.8	4.1	4.2	4.0	4.2	8.1	6.3	6.8	4.12	24	6.0
28	4.0	4.0	3.1	3.0	4.0	4.0	4.0	4.7	4.0	3.0	4.0	5.2	4.7	6.0	6.2	6.1	5.0	4.8	5.0	4.8	5.0	4.3	5.0	5.0	4.45	24	20.0
29*	5.0	7.3	5.1	6.4	5.8	5.7	5.3	5.7	5.8	5.0	4.0	4.0	4.1	5.0	5.0	5.0	5.0	4.9	4.0	4.1	4.0	4.0	4.0	4.0	4.09	24	13.0
30*	4.1	4.0	4.0	3.9	3.0	3.2	4.0	4.0	4.0	3.8	3.0	3.2	4.1	5.0	5.0	5.0	4.0	4.2	4.0	4.1	4.0	4.0	4.0	4.0		24	5.0
31																											
MEAN	3.4	3.4	3.0	3.0	3.0	3.5	4.0	3.6	3.6	3.3	3.4	3.7	3.7	3.7	3.8	4.0	4.0	3.5	3.4	3.6	3.6	3.8	3.5	3.5	3.54		
NO.	27	27	27	27	27	27	27	27	25	22	24	25	26	27	27	27	27	27	27	27	27	27	27	27		639	
MAX.	5.8	7.3	5.1	6.4	5.8	6.0	7.6	5.9	7.4	5.8	5.0	5.2	5.3	6.0	6.2	6.1	5.8	5.4	5.2	5.8	5.0	8.1	6.3	7.8	5.53		20.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-57.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CHICAGO, ILL.

TOTAL HYDROCARBON
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1																											
2																											
3																											
4																											
5*																											
6*																											
7																											
8																											
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25																											
26*																											
27*																											
28																											
29																											
30																											
MEAN																									0.00		
NO.																											
MAX.																											.0

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

Table 3-58.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

TOTAL HYDROCARBON
OCT. 1964

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3*	2.4	3.1	2.9	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.3	2.9	2.0	2.0	2.0	2.0	2.0	1.9	1.0	1.0	1.0	2.04	24	3.0
4*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0	1.8	2.0	1.0	1.0	1.45	24	2.0
5	1.0	1.0	1.0	1.0	1.0	1.3	2.1	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6	1.0	1.0	1.0	1.0	1.0	1.1	1.91	24	3.0
6	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.2	1.9	1.4	1.5						3.3	4.6	2.4	2.4	2.2	2.0	2.0	2.0	1.77	19	3.0
7	2.8	3.0	2.8	2.0	2.0	2.0	2.3	3.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.19	24	5.0
8	1.5	1.0	1.0	1.0	1.0	1.8	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.2	2.0	2.0	2.3	2.0	2.0	2.0	2.5	1.85	24	6.0
9	1.3	1.0	1.0	1.0	1.0	1.3	2.0	2.3	2.4			2.3	2.3	2.0	2.8	2.8	2.8	2.3	2.0	2.1	2.1	2.0	2.4	2.0	1.94	22	4.0
10*	2.0	2.0	2.0	2.0	1.4	1.2	2.0	2.0	2.0	2.0	2.1	2.1	2.3	2.0	2.1	2.0	1.9	1.0	1.1	1.7	1.2	1.1	1.0	2.8	1.78	24	3.0
11*	2.8	2.0	2.0	2.0	1.3	1.0	1.1	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.1	2.0	2.0	1.3	1.0	1.0	1.0	1.2	1.0	1.2	1.33	24	3.0
12	2.0	2.2	2.4	1.7	1.0	1.0	1.6	1.8	1.9	1.3	1.3	1.7	1.0	1.0	1.8	1.5	1.9	1.9	1.0	1.4	1.0	1.0	3.1	3.0	1.64	24	12.0
13	3.1	3.8	2.4	1.3	1.3	1.7	3.2	2.9	2.8	2.0	1.6	2.1	1.5	2.0		1.7	2.0	1.5	1.1	1.1	1.3	1.0	1.0	1.0	1.96	23	4.0
14	1.0	1.0	1.0	3.9	3.4	4.8	6.0	8.3	3.6	3.3	2.3	2.3	2.3	1.4	1.3	1.9	1.9	1.7	1.1	0.7	1.0	1.0	1.0	3.8	2.56	24	10.0
15	3.8	3.3	1.7	1.0	1.0	1.9	5.0	4.6	4.4	2.8	2.5	2.9	1.3	0.9	1.0	0.9	1.3	1.1	1.0	1.0	1.0	1.0	0.8	2.5	2.02	24	7.0
16	4.3	5.0	4.7	4.2	4.4	4.6	8.1	9.3	5.6	6.4	4.6	2.8	2.1	1.2	2.1	2.2	2.0	2.2	1.8	2.8	1.7	4.2	5.3		3.85	23	11.0
17*	5.8	4.3	4.3	2.0	0.9	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.1	2.0	1.5	1.0	1.0	1.2	1.0	1.51	24	10.0
18*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.00	24	1.0
19	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	1.63	23	4.0
20	2.0	2.0	2.0	2.0	2.0	2.0	3.3	3.0	2.8	2.0	2.0	1.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.6	1.0	1.0	1.66	24	5.0
21	1.0	1.0	1.0	1.0	1.0	1.0	1.5	2.0	2.0	1.8	1.8	2.0	2.0	2.0	2.1	2.7	2.3	2.1	1.0	1.0	1.0	2.0	1.0	1.0	1.54	24	8.0
22	1.3	1.0	1.0	1.0	1.0	1.1	2.1	2.3	2.4	2.3	2.0	2.0	2.0	2.0	2.3	2.8	2.7	2.0	2.0	2.0	1.8	1.8	1.5	1.0	1.79	24	3.0
23	1.0	1.0	1.0	1.0	1.0	1.7	2.2	2.1	2.0	2.8	2.0	1.7	1.7	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.8	3.3	1.90	23	4.0
24*	4.0	5.3	3.1	2.4	2.8	3.0	2.8	2.2	2.0	4.5	4.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.40	24	8.0
25*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	4.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.01	24	3.0
26	2.0	2.0	2.0	2.0	2.0	1.7	1.6	2.3	3.1	3.3	3.0	2.7	2.7	3.0			2.6	3.8	3.3	2.6	3.0	3.4	4.8	3.3	2.62	22	8.0
27	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.6	3.1	2.8	2.6			1.8	2.0	2.2	2.8	3.8	4.2	3.3	3.0	2.9	3.3	3.6	2.61	22	5.0
28	3.4	2.2	2.0	2.0	2.1	2.2	2.1	2.1	2.8	3.0	3.2	2.9	2.5	2.9	2.8	2.3	2.9	3.4	3.1	3.4	2.2	1.8	1.8	1.1	2.47	24	5.0
29	1.1	1.0	1.0	1.0	1.0	1.0	1.4	1.6	2.0	2.0	1.8	1.8	1.8	1.9	2.0	2.5	2.3	2.3	2.0	2.7	2.0	2.5	2.0	1.8	1.76	24	7.0
30	1.4	1.3	3.8	3.0	2.7	2.1	2.3	3.7	3.1	2.0	2.0	1.9	1.9	1.9	2.0	2.6	2.3	3.1	3.5	3.0	2.6	2.8	3.0	2.8	2.53	24	8.0
31*	2.0	2.0	2.4	2.8	3.3	3.0	2.0	2.9	2.2			2.0	2.1	2.0	2.3	2.9	3.1	2.8	2.0	2.0	1.6	1.3	1.2	1.2	2.21	24	4.0
MEAN	2.1	2.1	1.9	1.8	1.7	1.8	2.4	2.6	2.3	2.2	2.1	2.0	1.8	1.8	1.9	2.0	2.1	2.0	1.9	1.8	1.7	1.8	1.9	1.9	1.98		
NO	29	29	29	29	29	29	29	29	29	26	27	27	27	28	25	27	29	29	29	29	29	29	29	28		674	
MAX	5.8	5.3	4.7	4.2	5.4	4.8	8.1	9.3	5.6	6.4	4.6	2.9	2.7	3.0	4.9	2.9	3.3	3.8	4.2	3.3	3.0	4.2	5.3	3.9	3.85		12.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 21 1968

Table 3-59.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS.	5-MIN. MAX.
1*	1.2	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.7	1.7	2.0	2.0	1.0	2.2	1.9	1.9	2.4	2.7	3.2	2.5	2.4	2.3	1.8	1.3	1.80	24	4.0
2	1.0	1.0	1.0	1.0	1.0	1.0	1.2	2.0	2.0	1.4	1.6	2.0	2.4	1.9	2.8	3.1	3.3	4.1	3.2	2.3	2.3	1.7	1.3	1.3	1.90	24	5.0
3	1.5	1.8	1.5	1.0	1.0	1.1	1.7	2.1	2.0	2.0	2.2	2.5	2.1	2.1	2.3	3.0	3.8	5.6	4.3	3.3	3.7	3.2	4.9	1.4	2.48	24	11.0
4	1.1	1.0	1.0	1.0	1.2	1.0	1.9	3.3	2.9	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.0	2.0	2.4	1.8	2.2	1.8	1.2	1.87	24	7.0
5	1.1	1.0	1.0	1.0	1.0	1.0	1.3	2.1	2.2	2.1	2.4	1.7	1.5	1.9	2.0	2.2								3.9	1.72	17	6.0
6	3.4	3.0	3.2	3.3	3.0	3.3	4.1	5.0	4.3			2.1	2.3	2.1	2.0	2.1	2.3	2.2	2.3	2.0	2.0	2.0	2.2	2.1	2.72	22	6.0
7*	2.0	2.4	2.2	2.0	2.0	2.0	2.0	2.4	2.3	2.7	2.3	3.1	3.1	2.5	2.8	3.2	3.2	2.9	2.8	3.6	4.2	3.8	3.3	3.3	2.74	24	5.0
8*	3.1	2.9	4.1	3.0	2.8	3.9	3.3	3.6	4.1	3.1	2.9	2.3	2.7	3.3	3.5	3.4	4.1	3.8	3.5	3.7	4.1	3.1	3.0	3.0	3.39	24	6.0
9	2.2	2.0	2.0	2.0	2.0	2.0	2.2	3.2	3.0	3.0	2.7	2.6	2.2	2.8	2.7	2.8	3.9	3.0	2.4	2.0	2.6	2.8	2.4	2.3	2.49	24	5.0
10	2.7	2.7	3.0	3.6	4.1	3.0	3.7	5.6	3.6	3.1	3.1	3.1	2.9	3.3	3.8		4.3	5.1	3.9	3.0	3.3	3.0	2.1	2.0	3.35	23	7.0
11	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.2	2.7	2.9	3.0	3.0	3.0	3.1	3.1	3.6	3.9	3.3	2.8	2.6	2.3	2.4	2.0	2.57	24	5.0
12	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.4	3.1	3.0	2.5	2.0	2.0	2.0	2.0	2.0	2.4	2.7	2.7	2.0	2.2	3.1	2.8	2.0	2.28	24	6.0
13	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.0	3.8		3.0	3.0	2.9	3.0	3.0	3.0	3.3	5.2	5.0	5.5	4.4	4.1	4.1	3.8	3.25	23	7.0
14*	3.4	2.8	3.0	3.0	2.8	2.3	4.7	3.0	3.2	3.1	3.3	3.2	3.0	3.0	3.0	3.0	3.1	2.8	3.0	3.0	3.2	3.0	3.0	2.8	2.95	24	4.0
15*	3.0	2.3	2.1	2.0	2.0	1.7	2.0	2.3	4.2	4.9	3.2	3.0	3.5	3.5	3.8	3.9	4.8	4.1	3.3	3.1	4.0	3.8	3.1	3.0	3.01	24	6.0
16	2.8	3.0	3.0	2.8	2.3	2.6	4.9	3.5	3.3	3.1	3.3	3.0	3.1	3.3	3.3	3.3	3.9	3.4	4.0	3.1	3.0	4.0	3.1	2.6	3.22	24	8.0
17	2.3	2.0	2.0	2.0	2.0	2.0	2.4	2.9	2.7	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.8	2.0	2.0	2.3	2.5	2.8	3.3	2.25	24	5.0
18	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.1	2.1	2.1	2.0	2.0	1.9	1.2	1.4	1.4	1.2	1.3	1.3	1.4	1.0	1.3	1.73	24	3.0
19	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			3.6	3.7	3.7	4.0	4.0	4.1	4.0	3.8	3.1	3.0	3.0	3.2	3.0	2.50	22	5.0
20	2.3	2.0	2.0	2.0	2.3	2.4	3.0	3.4	3.2	3.0	3.0	3.0	3.0	2.9	3.0	3.0	3.0	3.0	3.0	2.5	2.6	2.2	2.3	2.3	2.67	24	4.0
21*	2.1	2.3	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.39	24	4.0
22*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	4.0
23	3.0	3.0	3.0	3.0	3.0	3.0	3.6	3.0	2.7	4.0	4.0	3.8	3.3	3.1	3.3	3.8	4.3	4.3	4.2	3.4	3.0	4.4	3.2	3.9	3.30	24	9.0
24	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.4	3.6	3.8	4.5	4.1	3.8	3.5	3.2	3.4	4.1	4.9	4.5	3.4	3.2	3.5	3.8	4.0	3.57	24	6.0
25	4.0	5.7	5.0	3.0	3.0	3.3	5.6	6.9	6.8	6.8	5.8	4.8	4.1	4.2	4.0	4.2	5.0	6.2							4.76	10	11.0
26																											
27										3.0	3.0	3.0	3.1	3.8	3.8	4.3	4.9	5.3									
28*	3.2					3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.1	4.4	3.2	4.0	3.0		3.3	3.72	19	8.0
29*	2.4	2.4	2.0						2.3	4.8	3.0		3.0	3.0	3.2	3.2	3.6	3.8		3.3	2.8	2.6	2.6	2.5	2.94	17	5.0
30	2.2	2.1							3.4				3.0	3.0	3.0	3.2	3.4	3.1	3.7	3.2	3.0	3.0	3.0	2.6	2.89	18	4.0
														3.0	3.0	3.2	3.4	3.1	3.0	3.0	3.0	3.1	3.4	2.7	2.95	14	4.0
MEAN	2.3	2.3	2.2	2.1	2.2	2.2	2.5	3.0	2.9	2.9	2.9	2.8	2.7	2.8	2.9	3.0	3.4	3.7	3.2	3.0	3.0	2.9	2.8	2.6	2.76		
NO	2	27	26	25	25	26	26	26	28	25	25	27	28	29	29	28	27	28	26	27	27	27	26	28		644	
MAX	4.0	5.7	5.0	3.6	4.1	3.9	5.6	6.9	6.8	6.8	5.8	4.8	4.1	4.2	4.0	4.3	5.0	6.2	5.0	5.7	4.4	4.4	4.9	4.0	4.76		11.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 21 1968

Table 3-60.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
DEC. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	3.8	2.9	2.6	2.1	2.0	2.0	2.4	3.0	3.1	3.0	3.0		2.9	2.7	3.0	3.1	3.6	3.2	3.1	3.0	3.0	3.0	3.1	3.0	2.87	23	9.0
2	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.4	3.2			3.1	3.1	3.5	4.1	3.1	3.1	3.0	3.5	3.2	3.0	3.0	3.16	22	9.0
3		3.0	3.0	3.0	3.0	3.0	3.1	3.2	3.7	3.3	3.2		3.8	3.4	3.6		4.1	4.2	4.1	3.1	3.4	3.4	3.1	3.0	3.36	21	9.0
4																											
5*		3.0	3.4	3.0	3.0	3.0	3.2						4.3	4.2	3.9		3.9	3.8	3.3	3.3	3.6			3.7	3.48	19	9.0
6*																											
7																											
8	3.4	3.0								3.8	4.0	4.3	4.3	4.0			4.7	4.8	4.5	3.9	3.9	3.8	3.9	3.2	3.97	19	9.0
9	4.8	5.9	3.8	3.0	3.0	3.0	3.2	4.0	4.0	4.0	3.8	3.0	3.3	3.2	3.8	3.8	4.1	4.2	3.7	3.1	3.3	3.0	3.1	3.1	3.62	24	7.0
10	3.2	3.0	3.0	3.0	3.0	3.0	3.8			4.5	4.7	4.1	4.2		4.3	4.3	4.5	4.4	4.0	3.9	4.0	3.7	3.1	3.0	3.73	21	8.0
11	3.0	3.0	3.0	2.8	2.1	2.0	2.2			3.0	3.1	3.3	3.0	3.0	3.0	3.2	3.4	3.4	3.0	3.0	3.1	2.8	2.7	2.9	2.95	22	9.0
12*	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.4	2.4	3.0	3.0	3.0	3.1	3.0	3.2	3.5	3.3	3.4	3.5	4.3	4.4	4.5	4.0	3.9	3.02	24	8.0
13*	3.0				2.0	2.0			2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.4	4.3	2.3	2.3	2.0	2.0	2.0	2.0	2.14	17	8.0
14	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	4.0	2.0	2.1	2.4	3.0	3.0	3.0	3.2	3.0	3.0	3.0	3.0	3.1	3.2	3.0	2.30	24	4.0
15	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.8	3.7	3.5	3.5			3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.14	22	9.0
16	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.7	3.8	3.1	3.1	3.3	3.5	3.5	3.8	4.0	3.5	3.3	3.0	3.0	2.8	2.3	3.19	24	4.0
17	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.1	2.3	3.0	3.0	3.1	3.2	3.0	3.0	3.0	3.1	3.0	3.2	2.45	24	4.0
18	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.7	4.0					3.9	4.0	4.2	4.3	3.8	3.5	3.2	3.3	3.3	3.0	3.40	20	6.0
19*	3.1	3.3	3.3	3.0	3.0	3.0	3.0	3.3	3.8	4.0	4.1	4.1	4.8	3.9	4.2	4.0	3.9	3.7	4.1	4.0	3.7	3.3	3.4	3.1	3.61	24	6.0
20*	3.4	3.3	3.0	3.0	3.0	3.0	3.0	3.2	3.4	3.4	3.9	4.0	3.3	3.3	3.3	3.9	3.7	3.2	4.8	4.8	3.9	4.9	4.2	4.3	3.72	24	7.0
21	3.5	3.9	3.5	3.3	3.3	3.6	3.9	4.8	5.1	5.0	4.4	4.3	4.0	4.1	4.3	4.6	4.3	5.0	4.0	4.2	4.0	6.2	5.3	3.9	4.26	24	8.0
22	4.2	4.0	4.0	4.0	4.0	3.8	4.3	4.8	5.1			5.8	6.2	4.5	4.0	4.1	4.0	3.8	3.3	3.7	4.0	3.8	3.8	3.3	4.19	22	9.0
23	3.0	3.0	3.0	3.0	3.0	3.3	3.0	3.6	4.2	4.1	3.4	3.8	4.1	4.4	4.5	4.9	5.3	5.1	4.6	4.2	4.0	4.3	4.1	4.1	3.91	24	8.0
24	4.0	5.2	4.0	4.0	4.1	4.1	4.1	4.9	6.7	7.2		5.3	5.3	5.1	4.8	5.3	4.8	4.6	4.4	3.9	3.3	3.2	3.1	3.3	4.34	23	8.0
25	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.3	3.1	3.3	3.4	3.3	3.3	3.3	3.9	3.3	3.3	3.15	24	9.0
26*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.7	3.8	3.3	3.8	3.4	3.9	3.7	3.7	3.8	3.8	4.3	5.1	4.6	4.1	3.52	24	9.0
27*	4.1	4.1	3.9	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.7	4.0	4.8	4.5	4.3	4.2	3.4	3.2	3.0	3.49	24	6.0
28	3.0	3.0	2.9	2.8	3.0	2.6	2.8	3.0	3.1	3.1	3.0	3.1	3.1	3.2	3.3	3.3	3.2	3.3	3.2	3.1	3.0	3.0	3.0	3.0	3.03	24	5.0
29	3.0	3.6	3.0	3.0	3.0	3.0	3.4	4.0	4.3			4.1	3.8	3.9	3.6	4.0	4.2	4.1	3.9	4.0	4.3	4.0	3.7	4.1	3.71	22	6.0
30	3.7	3.9	3.1	3.1	3.8	3.2	3.3	3.7	3.7	3.1	3.7	3.0	3.1	3.4	3.0	3.5	3.9	3.7	3.3	3.3	3.0	3.1	4.1	3.4	3.42	24	7.0
31	3.2	3.0	3.2	3.0	3.0	3.0	3.7	4.4	4.3	3.7	3.3			3.9			3.2	3.3	2.8	3.3	4.1	4.1	3.5	2.6	3.42	20	6.0
MEAN	3.2	3.3	3.1	2.9	2.9	2.9	3.0	3.2	3.5	3.5	3.3	3.5	3.5	3.5	3.5	3.7	3.8	3.8	3.6	3.5	3.5	3.6	3.5	3.2	3.39		
NO.	26	27	26	26	26	26	26	23	24	25	23	22	24	25	26	24	28	28	28	28	28	27	27	28		621	
MAX.	4.8	5.9	4.0	4.0	4.1	4.1	4.3	4.9	6.7	7.2	4.7	5.8	6.2	5.1	4.8	5.3	5.3	5.2	4.8	4.8	4.9	6.2	5.3	4.3	4.34		9.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

Table 3-61.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CHICAGO, ILL.
TOTAL OXIDANT
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1																											
2																											
3																											
4*																											
5*																											
6																											
7																											
8																											
9																											
10	.00		.00	.00	.00	.00	.00	.00	.00									.00	.00	.00	.00	.00	.00	.00	.000	19	.00
11*	.00		.00	.00	.00	.00	.01	.01	.02						.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.007	18	.04
12*	.02		.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.03
13	.01		.00	.00	.00	.01	.00	.00	.00	.00	.00		.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.001	20	.02
14	.00		.00	.00	.00	.00	.00	.00	.00	.00							.00	.00	.00	.00	.00	.00	.00	.00	.000	17	.00
15	.00		.00	.00	.00								.00				.00	.00	.00	.00	.00	.00	.00	.00	.000	15	.01
16	.00		.00	.00	.00	.00	.00	.00	.01					.01	.01	.01	.00	.00	.01	.01	.00	.00	.00	.00	.004	19	.03
17	.00		.00	.00	.00	.00	.00	.01	.01			.00	.00	.00		.01	.01	.00	.00	.00	.00	.00	.00	.00	.003	20	.03
18*	.00		.00	.00	.00	.00	.00	.00	.00							.01	.00	.00	.00	.00	.00	.00	.01	.01	.002	17	.03
19*	.01		.01	.01	.01	.01	.02	.01	.01	.01	.02	.02	.03	.03	.04	.04	.04	.04	.04	.04	.03	.04	.03	.04	.025	23	.06
20	.03		.02	.02	.02	.02	.04	.04	.05	.02	.01	.02	.01	.01	.02	.02	.02	.03	.03	.01	.01	.02	.01	.00	.020	23	.07
21																											
22																											
23																											
24	.00		.00	.00	.00	.00	.00	.00	.00					.03	.03	.04	.04	.05	.04	.03	.02	.02	.02	.02	.016	19	.10
25*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00			.00					.00	.00	.00	.00	.01	.00	.001	17	.01
26*	.00			.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.004	22	.02
27	.01			.01	.01	.01	.01	.00	.00	.02								.00	.00	.00	.01	.00	.01	.00	.005	15	.02
28	.00			.00	.00	.00	.00	.00	.00						.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	17	.02
29	.00			.00	.00	.00	.00	.00	.00	.00	.01	.01	.02				.00	.02	.02	.03	.03	.04	.05	.06	.015	19	.08
30	.06		.03	.03	.03	.03	.05	.06	.06	.04	.03	.03	.04	.06			.07	.08	.10	.08	.07	.07	.08	.09	.056	21	.13
31	.05		.04	.03	.03	.03	.06	.07	.07	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.05	.06	.06	.06	.06	.051	23	.10
MEAN	.01			.01	.01	.01	.01	.01	.01								.02	.02	.02	.01	.01	.01	.01	.02	.013		
NO.	19		15	19	19	18	18	18	18	11	9	8	10	11	9	11	16	18	19	19	19	19	19	19		361	
MAX.	.06		.03	.03	.03	.03	.06	.07	.07	.05	.05	.05	.05	.06	.06	.06	.07	.08	.10	.08	.07	.07	.08	.09	.056		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-62.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

TOTAL OXIDANT
FEB. 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX.
1*	.05		.03	.03	.02	.02	.03	.03	.03	.03	.03	.04	.03			.04	.02	.03	.04	.03	.03	.03	.03	.04	.031	21	.09
2*	.03		.03	.02	.01	.02	.02	.02	.03	.02	.03	.03	.04	.05	.04	.05	.06	.06	.04	.03	.03	.04	.05	.03	.033	23	.13
3	.02		.02	.02	.02	.02	.03	.04	.04	.02							.04	.01	.02	.02	.01	.00	.00	.00	.019	17	.10
4	.00		.00	.00	.00	.00	.00	.00	.00							.02	.02	.02	.03	.03	.03	.02	.01	.01	.010	17	.04
5	.00		.01	.01	.01	.00	.01	.01	.01	.01							.02	.04	.07	.05	.05	.08	.08	.07	.031	17	.11
6	.05		.03	.03	.02	.02	.03	.03	.07		.04	.03	.01	.03	.04	.03	.03	.03	.02	.02	.02	.02	.01	.01	.029	24	.10
7	.01			.00	.00	.00	.00	.00	.00	.01			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	20	.03
8*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02			.02	.01	.01	.01	.00	.01	.02	.01	.006	21	.05
9*	.02		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.01	.02	.01	.02	.01	.005	23	.06
10	.01		.01	.01	.01	.01	.00	.00	.00	.00	.00	.01					.01	.00	.00	.00	.00	.00	.00	.00	.003	19	.02
11	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02	.01	.00	.01	.01	.01	.00	.00	.00	.006	23	.03
12	.00		.00	.01	.01	.01	.00	.00	.00		.00	.01	.00	.01	.01	.01	.00	.00	.00	.01	.01	.00	.00	.00	.004	22	.02
13	.01		.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.02
14	.00		.00	.00	.00	.00	.00	.00	.00	.00		.01	.01	.02			.01	.00	.00	.00	.00	.00	.00	.00	.003	20	.03
15*	.00		.00	.00	.00	.00	.00	.00	.00	.00								.00	.00	.01	.01	.01	.00	.02	.003	18	.05
16*	.01							.01	.01	.01	.01	.01	.02	.02	.03	.03	.02	.01	.01	.00	.00	.00	.00	.00	.011	18	.04
17	.01		.00	.01	.01	.01	.00	.00	.00	.01		.00	.01	.01			.00	.00	.00	.00	.00	.00	.00	.00	.003	20	.02
18	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00						.03	.03	.03	.03	.03	.05	.05	.04	.015	18	.07
19	.02		.02	.02	.02	.03	.03	.04	.06	.04	.05	.04	.05	.04			.05	.05	.04	.04	.05	.05	.05	.04	.039	21	.10
20	.03		.02	.02	.02	.01	.02	.03	.03	.02	.01			.04	.05	.04	.03	.04	.04	.03	.03	.03	.03	.02	.027	21	.07
21	.02		.01	.01	.01	.00	.00	.01	.02	.01	.02	.02	.02	.03	.04	.05	.05	.03	.03	.03	.03	.02	.02	.01	.021	23	.08
22*	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02			.02	.02	.01	.00	.00	.00	.00	.00	.004	21	.03
23*	.00		.00	.00	.00	.00	.01	.01	.01	.02	.02	.01	.01	.01	.01										.007	14	.02
24																											
25	.01		.01	.01	.01	.01	.01	.01	.01	.02						.04	.04	.03	.03	.04	.05	.03	.04	.02	.023	18	.07
26	.01		.01	.01	.01	.00	.00	.00	.00	.00	.01	.01				.02	.02	.01	.01	.00	.00	.00	.01		.006	19	.02
27											.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.00	.01	.01	.015	14	.03
28	.01		.01	.01	.00	.00	.01	.01	.00	.01	.01	.02							.02	.01	.01	.01	.01	.01	.009	17	.03
29*	.02		.00	.01	.01	.01	.00	.00	.00	.01	.01		.02	.02	.02	.03	.03	.02	.03	.03	.03	.02	.01	.01	.015	22	.04
MEAN	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02		.02	.02	.02	.02	.02	.02	.02	.01		.014		
NO.	27		25	26	25	26	26	27	27	24	20	19	18	18	13	16	25	26	27	27	27	27	27	26		550	
MAX.	.05		.03	.03	.02	.03	.03	.06	.07	.04	.05	.04	.05	.05	.05	.05	.06	.06	.07	.05	.05	.08	.08	.07	.039		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-63.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1*	.01		.02	.02	.02	.03	.03	.03	.03	.03	.03	.04	.04	.04			.05	.05	.06	.05	.04	.05	.05	.03	.035	24	.07
2	.04			.02	.03	.03	.04	.06	.08					.06		.07	.07	.08	.08	.06	.05	.05	.05	.04	.052	17	.11
3	.04		.03	.03	.03	.04	.06	.07	.08	.07							.09	.07	.05	.03	.04	.04	.05	.05	.050	17	.13
4	.03		.01	.03	.03	.03	.04	.06	.06	.04	.04	.05	.05	.07	.09	.08	.07	.07	.05	.04	.05	.04	.04	.04	.048	23	.13
5	.03		.03	.04	.03	.04	.05	.05	.06	.06	.05	.06				.06	.07	.07	.05	.04	.04		.04	.04	.048	19	.09
6	.04	.03	.03	.04	.03	.03	.04	.05	.05	.04	.04	.03	.03	.03	.04	.05	.05	.05	.05	.03	.03	.04	.04	.04	.038	24	.08
7*	.04		.03	.03	.03	.04	.04	.04	.04	.05	.05	.06	.06	.06	.07	.07	.08	.08	.06	.08	.06	.06	.07	.06	.055	23	.15
8*	.06		.05	.04	.03	.03	.03	.04	.04	.05	.07	.07	.08	.09	.08	.07	.07	.09	.06	.05	.04	.07	.05	.04	.056	23	.13
9	.04		.03	.03	.03	.04	.05	.06	.07	.06	.05					.04	.03	.04	.05	.05	.05	.05	.03	.03	.043	19	.13
10	.04		.04	.03	.03	.03	.04	.06	.07	.05	.04	.04					.05	.03		.04	.04	.05	.04	.03	.041	18	.10
11	.03		.02	.01	.01	.02	.05	.04	.03	.02	.03	.03	.04	.06	.06	.06	.04	.04	.04	.04	.04	.05	.05	.03	.036	23	.11
12	.03		.03	.03	.03	.04	.04	.05	.06		.05	.05	.06	.06	.06	.07	.08	.05	.08	.05	.05	.05	.04	.04	.050	24	.12
13	.04		.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.05	.06	.05	.05	.05	.05	.06	.05	.04	.04	.04	.04	.042	23	.08
14*	.04		.04	.04	.04	.04	.04	.04	.04					.04	.04	.05	.04	.04	.04	.03	.03	.03	.04	.03	.039	19	.07
15*	.03			.01	.02	.01	.01	.01	.01	.02	.03	.04	.05	.05		.05	.04	.05	.04	.07	.05	.04	.04	.08	.034	21	.11
16	.06			.03	.03	.03	.01	.03	.02				.06	.06	.05	.06	.05	.05	.04	.04	.04	.04	.03	.03	.040	19	.08
17																											
18	.02						.02	.02	.01	.02				.04	.05	.06	.06	.06	.08	.07	.05	.06	.06	.05	.045	16	.10
19	.04		.04	.04	.04	.04	.04	.06								.08	.08	.08	.08	.09	.10	.07	.06	.05	.061	16	.13
20	.03		.02	.02	.04	.03	.04	.06	.06	.04	.04	.05	.05	.06	.08	.06	.08	.07	.05	.05	.05	.05		.05	.047	22	.11
21*	.05	.04	.03	.03	.04	.03	.05	.05	.06	.07	.06	.06	.07	.06	.05	.08	.08	.08	.08	.07	.07	.05	.08	.05	.057	24	.13
22*	.04		.03	.03	.03	.03	.03	.04	.04	.04	.05	.05	.05	.05	.05	.07	.07	.07	.08	.07	.06	.08	.07	.06	.052	23	.12
23	.04		.04	.03	.03	.03	.04	.05	.06	.05	.04	.05	.05	.05				.05	.04	.06	.06	.05	.05	.03	.044	20	.09
24																											
25	.04		.03	.03	.03	.04	.06	.07	.06	.04	.05	.06	.05	.05		.07	.05	.05	.05	.05	.05	.05	.06	.04	.048	24	.11
26	.03		.03	.02	.02	.02	.02	.02	.03	.02	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.03	.03	.025	23	.04
27	.02		.01	.01	.01	.01	.01	.01	.01	.00	.00			.03	.04	.06	.06	.06	.05	.04	.04	.04	.04	.03	.027	21	.09
28*	.03		.02	.03	.03	.04	.05	.05	.05	.05	.04	.03	.02	.03	.03	.03	.03	.02	.02	.01	.01	.01	.02	.01	.028	23	.08
29*	.01		.00	.01	.00	.00	.01	.02	.03	.02	.04	.04	.04	.04	.03	.02	.03	.01	.00	.00	.01	.02	.02	.01	.017	23	.06
30	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.00	.004	24	.03
31	.00		.00	.00	.00	.01	.02	.03	.01	.00	.01	.02	.03	.02	.03	.02	.03	.02	.01	.02	.02	.02	.03	.04	.016	23	.06
MEAN	.03		.03	.02	.03	.03	.03	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.040		
NO	29	2	25	28	28	28	29	29	28	24	23	21	20	24	18	25	28	29	28	29	29	28	28	29		609	
MAX	.06	.04	.05	.04	.04	.04	.06	.07	.08	.07	.07	.07	.08	.09	.09	.08	.09	.09	.08	.09	.10	.08	.08	.08	.061		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-64.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	9-MIN MAX.
1	.04		.04	.04	.02	.02	.00	.00	.01				.06	.09	.09	.06	.05	.05	.05	.04	.04	.04	.04	.04	.035	19	.07
2	.04		.04	.03	.03	.03	.05	.08	.09	.09	.08	.08	.06	.08	.08	.10	.11	.09	.06	.05	.05	.04	.04	.05	.062	23	.17
3	.03		.03	.03	.03	.04	.05	.05	.06	.06	.05	.05	.05	.05	.06	.09	.04	.05	.05	.05	.05	.05	.06	.05	.046	23	.09
4*	.05		.03	.03	.04	.04	.04	.04	.05	.04	.05	.06	.05	.06	.06	.07	.07	.08	.09	.09	.10	.07	.08	.06	.058	23	.14
5*	.06		.05	.04	.04	.04	.04	.04	.04	.04	.06	.07	.06	.07	.10	.09	.08	.07	.06	.03	.03	.03	.04	.04	.053	23	.13
6	.03		.01	.03	.03	.03	.04	.04	.06	.05	.06	.07	.07					.06	.02	.00	.00	.00	.00	.01	.031	19	.10
7																											
8	.03		.02	.03	.02	.02	.04	.04	.05	.04	.04	.04	.03	.03	.05	.05	.04	.05	.04	.03	.03	.03	.03	.03	.035	23	.08
9	.02		.01	.01	.01	.01	.01	.02	.01	.01	.03	.04	.03	.04	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.022	23	.06
10	.03		.03	.02	.03	.04	.07	.07	.07	.04	.04	.05	.05	.06	.07	.07	.06	.06	.06	.07	.05	.06	.06	.04	.051	23	.11
11*	.01		.02	.02	.02	.02	.03	.04	.04	.04	.04	.04	.05	.06	.05	.05	.05	.06	.05	.06	.05	.05	.04	.05	.040	24	.09
12*	.04		.04	.03	.03	.03	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.043	23	.06
13	.04		.03	.03	.03	.04	.04	.04	.03	.03	.04	.04	.05	.05	.03	.02	.03	.03	.02	.04	.04	.03	.02	.03	.032	23	.06
14	.03		.02	.02	.02	.02	.03	.03	.03	.04	.05	.05	.04	.04			.04	.04	.04	.04	.03	.03	.03	.03	.032	21	.07
15	.03		.02	.02	.02	.02	.03	.05	.05	.04	.05	.05	.06	.07	.06	.09	.06	.05	.04	.04	.04	.04	.04	.04	.042	23	.12
16	.03		.03	.03	.04	.04	.04	.05	.06		.07	.07	.08	.08	.06	.08	.08	.07	.05	.05	.05	.05	.05	.04	.054	24	.10
17	.04		.04	.04	.04	.04	.04	.04	.05	.06	.06	.07	.07	.07	.05	.06	.06	.05	.05	.05	.04	.04	.03	.05	.048	23	.08
18*	.05		.03	.03	.03	.03	.03	.05	.05	.05	.04	.05	.06	.06			.08	.06	.06	.05	.06	.06	.07	.08	.051	21	.12
19*	.08		.04	.03	.03	.03	.03	.04	.04	.04	.04	.05	.06	.06	.05	.07	.08	.10	.07	.06	.06	.06	.07	.05	.052	23	.14
20	.04		.03	.03	.03	.04	.06	.08	.08	.06	.06	.06	.06	.06	.05	.07	.07	.08	.08	.07	.09	.04	.03	.05	.056	23	.13
21	.05		.02	.02	.02	.03	.04	.04	.05	.04	.04	.04	.04	.05	.05	.04	.04	.04	.03	.04	.04	.04	.03	.04	.038	23	.06
22	.04		.04	.04	.04	.03	.04	.04	.03	.03	.03	.04	.04	.04	.05	.05	.06	.05	.06	.09	.09	.09	.08	.07	.050	23	.12
23	.05		.03	.02	.03	.03	.05	.07	.06	.06	.06	.06	.06	.07				.07	.05	.06	.06	.06	.06	.05	.054	20	.10
24	.04		.04	.04	.04	.04	.05	.07	.05	.05				.07	.08	.08	.08	.07	.06	.06	.05	.06	.07	.06	.057	20	.12
25*	.06		.04	.03	.03	.03	.04	.04	.05	.05	.06	.07	.07	.09	.09	.10	.09	.09	.08	.08	.08	.08	.07	.07	.064	23	.12
26*	.09		.05	.04	.04	.04	.04	.05	.05	.05	.06	.08	.08	.09	.09	.08	.09	.07	.05	.04	.04	.05	.05	.05	.059	23	.13
27	.05		.04	.03	.03	.05	.06	.05	.05	.04	.04					.04	.06	.06	.05	.05	.05	.04	.04	.04	.044	19	.10
28	.04		.03									.05	.05	.05			.06	.05	.06	.05	.05	.06	.06	.04	.051	13	.10
29	.03		.03	.03	.04	.04	.05	.05	.05	.05	.05	.05	.05	.04	.04	.05	.05	.04	.04	.04	.04	.03	.03	.03	.040	23	.07
30	.03		.02	.02	.04	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.05	.04	.05	.05	.05	.05	.03	.038	23	.08
MEAN	.04		.03	.03	.03	.03	.04	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.05	.05	.05	.05	.04	.04	.046		
NO.	29		29	28	28	28	28	28	28	46	26	26	26	27	23	24	27	29	29	29	29	29	29	29		634	
MAX.	.09		.05	.04	.04	.05	.07	.08	.09	.09	.08	.08	.08	.09	.10	.10	.11	.10	.09	.09	.10	.09	.08	.08	.064		.17

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-65.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

TOTAL OXIDANT
MAY 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.03		.03	.03	.04	.07	.09	.06	.03	.03	.05	.06	.07	.08				.10	.09	.09	.07	.06	.06	.07	.060	20	.14
2*	.05		.02	.04	.04	.04	.05	.04	.05	.05			.08	.09	.09	.09	.08	.08	.08	.08	.07	.07	.07	.07	.063	21	.11
3*	.05		.05	.05	.05	.04	.04	.05	.04	.05	.06	.07	.08	.08	.08	.09	.09	.10	.09	.07	.06	.05	.06	.04	.062	23	.13
4	.04		.04	.04	.04	.05	.05	.09	.06				.06	.06	.06	.06	.06	.06	.05	.05	.06	.05	.05	.05	.054	20	.11
5	.04		.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.06	.06	.05	.06	.06	.06	.06	.06	.06	.06	.06	.05	.051	23	.07
6	.05		.04	.04	.04	.05	.05	.05	.05	.05	.07	.06	.06	.06	.05	.06	.06	.06	.06	.05	.06	.06	.05	.05	.053	23	.07
7	.04		.04	.04	.04	.04	.05	.04	.05	.05	.05	.06	.05	.06			.06	.06	.06	.05	.05	.05	.05	.04	.048	21	.06
8	.04		.03	.03	.04	.04	.05	.04	.05	.05	.05	.05	.06	.05	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.047	23	.06
9*	.05		.05	.04	.04	.04	.04	.04	.05	.05	.05	.06	.06	.06	.05	.06	.06	.06	.06	.06	.05	.05	.05	.05	.051	23	.07
10*	.04		.03	.03	.03	.03	.04	.04	.05	.05	.06	.06	.07	.07	.06	.07	.07	.06	.07	.07	.09	.09	.10	.09	.060	23	.14
11	.07		.06	.05	.07	.10	.09	.06	.06	.06	.06	.09	.10	.11	.09	.09	.07	.08	.08	.08	.08	.08	.07	.06	.075	23	.14
12	.05		.05	.04	.04	.06	.07	.06	.06	.06	.07	.07	.08	.07	.05	.06	.06	.07	.06	.06	.05	.05	.05	.04	.058	23	.10
13	.05		.03	.03	.03	.03	.03	.04					.05	.06	.04		.06	.06	.05	.05	.04	.05	.03	.04	.042	18	.08
14																											
15												.07	.07	.07	.07	.07	.06	.05	.05	.04	.04	.04	.03	.03	.052	19	.09
16*	.03		.03	.04	.04	.04	.03	.04	.04	.04	.05	.06	.06	.06	.06	.06	.06	.06	.05	.05					.046	18	.07
17*											.07	.08	.10	.10	.08	.10	.09	.08	.09	.08	.07	.07	.05	.06	.080	14	.12
18	.07		.08	.07	.06	.05	.06	.05	.04	.05	.04					.06	.06	.05	.05	.04	.03	.04	.03	.03	.050	15	.09
19	.04		.05	.05	.04	.04	.04	.04	.04	.05	.05	.06	.06	.06		.05	.06	.05	.04	.05	.04	.04	.03	.03	.044	22	.07
20	.03		.03	.03	.03	.04	.05	.04	.04	.03	.04	.04	.04	.05	.05	.06	.06	.05	.05	.05	.04	.05	.04	.03	.041	23	.08
21	.02		.03	.03	.02	.04	.04	.04	.04	.04				.06			.06	.05	.05	.06	.05	.04	.03	.04	.041	18	.10
22																											
23*																											
24*	.02		.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.04	.03	.03	.03	.02	.027	23	.06
25	.02		.02	.02	.02		.05	.05	.04	.04	.04	.06	.05	.04	.04	.05	.05	.04	.04	.04	.04	.04	.04	.05	.039	22	.07
26	.03		.03	.03	.03	.03	.03	.03					.02	.03	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.027	19	.06
27	.02		.02	.02	.02	.03	.04	.03	.03	.03	.04	.04	.04	.04											.029	18	.05
28																											
29																											
30*										.04	.04	.04	.04	.04	.04	.04	.06	.04	.04	.04	.04	.04	.05	.03	.041	19	.07
31*	.04		.04	.04	.04	.04	.03	.04	.04	.04	.05	.05	.06	.06	.05	.06	.05	.05	.05	.04	.04	.04	.04	.03	.043	23	.08
MEAN	.04		.04	.04	.04	.04	.05	.04	.04	.05	.05	.06	.06	.06	.06	.06	.06	.06	.06	.05	.05	.05	.05	.04	.049		
NO.	23		23	23	23	22	23	23	21	21	20	20	24	25	20	21	24	25	25	24	24	24	24	24		520	
MAX.	.07		.08	.07	.07	.10	.09	.09	.06	.06	.07	.09	.10	.11	.09	.10	.09	.10	.09	.09	.09	.09	.10	.09	.080		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-66.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

TOTAL OXIDANT
JUNE 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.04		.04	.03	.04	.04	.05	.04	.03	.04	.04	.05	.06	.06	.05										.043	14	.08
2											.03	.03	.03	.03	.04	.05	.04	.05	.03	.04	.04	.03	.03	.02	.034	14	.08
3	.02		.03	.02	.04	.03	.05	.04	.03	.03	.04	.05	.05	.05	.06	.06	.05	.05	.06	.05	.04	.05	.05	.05	.041	23	.08
4	.02		.03	.03	.05	.08	.09	.05	.05	.05	.05	.05	.06	.05	.06	.06	.06	.06	.04	.04	.04	.04	.03	.03	.048	23	.10
5	.03		.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.05	.05	.04	.04	.03	.03	.03	.03	.04	.03	.03	.02	.033	23	.07
6*	.03		.03	.03	.03	.03	.03	.04	.04			.03	.03	.04				.04	.04	.03	.04				.033	15	.07
7*				.02	.03	.03	.03	.03	.04	.04	.05	.04	.05	.07				.08	.07	.06	.05	.04	.04	.03	.046	17	.10
8	.03		.04	.04	.04	.05	.05	.05	.05	.05	.05	.07	.07	.06	.04	.05	.05	.05	.05	.05	.04	.04	.04	.04	.047	23	.07
9	.03		.03	.04	.03	.03	.02	.02	.03	.03	.05	.05	.04	.03	.03	.04	.05	.04	.04	.04	.03	.03	.03	.03	.033	23	.05
10	.02											.03	.04	.04	.04	.04	.04	.04	.03	.04	.04	.04	.04	.02	.035	14	.06
11	.02		.02	.02	.02	.02	.03	.03	.04	.04	.05	.06	.05	.06	.06	.06	.06	.06	.06	.05	.05	.05	.05	.03	.042	23	.08
12	.03		.04	.04	.04	.03	.04	.04	.04	.04	.05	.06	.05	.05	.06	.05	.04	.03	.04	.04	.03	.02	.02	.02	.038	23	.07
13*	.02		.02	.02	.02	.02	.02	.03	.03	.05	.06	.06	.07	.06	.06	.06	.07	.08	.06	.05	.03	.03	.02	.03	.041	23	.09
14*	.02		.03	.06	.05	.05	.04	.04	.04	.04	.05	.05	.05	.05	.06	.05	.05	.04	.03	.04	.04	.03	.03	.02	.041	23	.07
15	.02		.02	.02	.02	.02	.03	.03	.04	.02	.02	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.02	.028	23	.06
16	.02		.03	.03	.04	.03	.05	.03	.03	.03	.03	.03	.04	.04	.03	.03	.04	.04	.04	.04	.03	.06	.03	.04	.035	23	.07
17	.03		.03	.03	.03	.03	.04	.05	.05								.02	.03	.02	.03	.02	.02	.01	.01	.028	16	.07
18	.02		.01	.01	.01	.00	.01	.01	.01	.01	.03	.04	.04	.04	.04	.04	.03	.03	.03	.03	.01	.02	.02	.01	.020	23	.05
19	.01		.01	.01	.01	.01	.00	.00	.02					.04	.05	.04	.03	.04	.04	.04	.04	.03	.03	.03	.025	19	.06
20*	.02		.03	.02	.02	.02	.01	.02					.04	.05	.05	.06	.06	.05	.05						.034	14	.07
21*																											
22																											
23	.02		.02											.04	.04	.04	.04	.03	.03	.03	.02	.02	.02	.02	.027	13	.04
24	.02		.04	.03	.04	.03	.02	.03	.04	.03	.03	.04	.03	.03			.04	.04	.04	.03	.03	.03	.03	.04	.030	21	.06
25	.04		.03	.02	.03	.03	.04	.04	.04	.04	.05	.05	.05	.05											.039	13	.07
26																											
27*	.02		.03	.03	.03	.03	.03	.04	.05	.06	.06	.05	.05	.05	.05	.05	.06	.08	.06	.05	.03	.04	.04	.03	.043	23	.11
28*																											
29																											
30	.02		.04	.03	.02				.04	.04	.07	.10	.08	.12	.11	.07	.07	.07	.07	.06	.04	.05	.04	.03	.058	20	.15
MEAN	.02		.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.05	.05	.05	.05	.04	.04	.03	.03	.03	.03	.037		
NO.	23		22	21	22	21	21	21	21	18	19	21	22	24	20	19	21	23	23	22	22	21	21	21		489	
MAX	.04		.04	.06	.05	.08	.09	.05	.05	.06	.07	.10	.08	.12	.11	.07	.08	.08	.07	.06	.05	.06	.05	.05	.058		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV. DEC. 2, 1968

Table 3-67.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CHICAGO, ILL.

TOTAL OXIDANT
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3	.03		.02	.03	.04	.03	.04	.04	.05	.05	.05	.04	.05	.06	.05	.06	.06	.05	.05	.05	.05	.05	.04	.04	.043	23	.09
4*	.03		.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05	.04	.05	.05	.05	.06	.04	.046	23	.09
5*	.04		.03	.03	.04	.04	.04	.05	.05	.05	.06	.06	.06	.06	.05	.05	.05	.06	.05	.06	.07	.07	.05	.04	.049	23	.11
6	.03		.03	.03	.03	.03	.04	.04	.04	.04	.05	.05	.05	.04											.038	13	.07
7			.03	.03	.03	.02	.03	.03	.04	.04	.04	.04	.04										.02	.03	.032	13	.05
8	.03		.03	.03	.03	.02	.01	.02	.02	.03	.03	.04	.05	.05	.04	.05	.05	.05	.05	.04	.04	.04	.04	.03	.036	23	.07
9	.04		.04	.04	.03	.03	.02	.02	.02	.03	.04	.04	.05	.06	.05	.06	.06	.05	.05	.04	.05	.04	.03	.04	.040	23	.08
10	.04		.04	.04	.04	.06	.07	.05	.02								.06	.06	.06	.07	.06	.07	.06	.06	.053	16	.11
11*	.05		.04	.04	.04	.06	.04	.04				.06	.06	.05	.04	.05	.05	.05	.04	.04	.06	.05	.05	.04	.047	20	.10
12*	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04	.04	.04	.04	.04	.04	.04	.03	.03	.031	23	.06
13																											
14																											
15																											
16																											
17	.03		.04	.04	.02	.01	.01	.02	.02	.03		.06	.06	.06	.06	.05	.05	.06	.05	.03	.02	.02	.02	.03	.034	24	.07
18*	.01		.02	.02	.01	.01	.01	.00	.01	.01	.02	.02	.02	.02	.02	.05	.02	.03	.03	.02	.01	.01	.01	.01	.016	23	.07
19*	.01		.01	.02	.01	.01	.02	.03	.03	.03	.07	.08	.07	.06	.05	.07	.07	.05	.04	.04	.03	.02	.02	.02	.036	23	.09
20	.02		.03	.02	.01	.00	.01	.02	.01	.03		.07	.06	.06	.06	.05	.05	.05	.04	.03	.04	.04	.04	.05	.035	22	.07
21	.03		.04	.03	.01	.01	.02	.02	.04	.06	.08	.12	.12	.06	.04	.05	.05	.05	.04	.04	.04	.05	.04	.03	.046	23	.14
22	.03		.02	.03	.03	.04	.05	.05			.07	.08	.09	.08			.06	.05	.05	.05	.06	.06	.09	.10	.055	19	.12
23	.07		.06	.06	.06	.05	.06	.06	.08					.06	.04	.04	.03	.04	.03	.03	.03	.03	.04	.03	.047	19	.11
24	.05		.04	.03	.01	.00	.00	.01	.03	.03	.05	.08	.07	.04	.03	.05	.07	.04	.02	.01	.01	.00	.00	.00	.028	23	.12
25*	.00		.01	.02	.03	.02	.03	.01	.01	.03	.06	.03	.02	.04	.03	.03	.02	.03	.01	.01	.01	.01	.00	.00	.020	23	.08
26*	.00		.00	.00	.00	.00	.00	.01	.02	.03	.04	.05	.05	.03	.03	.03	.03	.01	.02	.01	.01	.01	.00	.00	.016	23	.06
27	.01		.01	.01	.01	.01	.02	.03	.04			.06	.06	.06	.04	.04	.04	.04	.05	.03	.02	.01	.01	.01	.029	21	.07
28	.01		.01	.01	.01	.00	.00	.01	.04	.04	.05	.06	.06			.05	.04	.05	.04	.03	.01	.02	.01	.00	.026	21	.07
29	.00		.01	.01	.01	.00	.00	.00	.01					.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.007	19	.02
30	.01		.02	.02	.02	.02	.02	.03	.04	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.01	.021	23	.05
31	.02		.03	.03	.03	.04	.04	.02			.02	.02	.03	.04	.05	.04	.02	.03	.02	.02	.01	.01	.00	.02	.024	21	.07
MEAN	.03		.03	.03	.02	.02	.02	.03	.03	.03	.05	.05	.05	.05	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.034		
NO	24		25	25	25	25	25	25	22	18	18	22	22	22	20	21	23	23	23	23	23	24	24			525	
MAX	.07		.06	.06	.06	.06	.07	.06	.08	.06	.08	.12	.12	.08	.06	.07	.07	.06	.06	.07	.07	.07	.09	.10	.055		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-68.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

TOTAL OXIDANT
AUG. 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.03		.00	.01	.01	.02	.01	.02	.02	.04	.04	.06	.06	.06	.04	.04	.04	.03	.02	.02	.01	.00	.00	.00	.025	23	.07
2*	.01		.02	.01	.01	.00	.01	.01	.01	.02	.06	.06	.05	.05	.04	.04	.04	.05	.03	.00	.00	.00	.00	.01	.023	23	.06
3	.01		.02	.02	.02	.00	.01	.01	.01	.04	.07	.07	.07	.05	.04	.01	.00	.01	.01	.01	.01	.01	.01	.02	.023	23	.09
4	.02		.03	.03	.03	.01	.00	.00				.02	.01	.01			.01	.02	.02	.01	.01	.01	.01	.01	.013	16	.04
5	.01		.01	.01	.01	.00	.00	.00	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.010	23	.02
6	.01		.02	.02	.01	.00	.00	.01	.02							.02	.02	.02	.02	.01	.01	.01	.01	.01	.012	17	.03
7	.01		.01	.01	.01	.00	.00	.01					.04	.04	.03	.03	.03	.03	.02	.02	.02	.01	.01	.02	.017	19	.04
8*	.01		.00	.01	.01	.01	.01	.02	.02	.02	.03	.04	.04	.03	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.016	23	.04
9*	.01		.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02	.01	.02	.023	23	.05
10	.01		.01	.02	.02	.01	.01	.01	.02	.02	.02	.04				.04	.03	.04	.03	.02	.03	.03	.03	.03	.024	20	.06
11	.03		.03	.03	.02	.01	.00	.00	.00	.00			.03	.03	.02	.01	.01	.01	.01	.01	.00	.00	.00	.01	.012	21	.03
12	.01		.00	.01	.01	.01	.01	.02	.01	.02	.02	.02	.02			.02	.02	.02	.01	.01	.02	.02	.01	.01	.013	21	.05
13	.01		.01	.01	.01	.01	.02	.02	.02	.03	.03	.04	.04	.04	.03	.04	.04	.03	.03	.03	.03	.02	.02	.02	.024	23	.06
14	.02		.02	.02	.01	.01	.01	.01	.01	.02	.02	.03	.04	.03	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.027	23	.05
15*	.03		.01	.01	.02	.02	.02	.03	.04	.03	.05	.06	.05	.05	.05	.05	.05	.04	.04	.04	.04	.03	.03	.03	.036	23	.08
16*	.03		.02	.02	.01	.01	.02	.03	.04	.04	.07	.07	.08	.08	.08	.06	.05	.05	.03	.03	.03	.04	.03	.03	.040	23	.09
17	.02		.01	.01	.01	.01	.02	.03	.04	.04	.05	.05	.05	.05			.03	.03	.03	.02	.02	.02	.01	.01	.026	21	.05
18	.04		.01	.01	.01	.00	.00	.00	.01		.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.019	22	.04
19	.02		.02	.02	.01	.01	.02	.01	.02	.02	.02	.03	.03	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.024	23	.07
20																											
21																											
22*																											
23*																											
24																											
25																											
26																											
27																											
28																											
29*																											
30*																											
31																											
MEAN	.02		.01	.01	.01	.01	.01	.01	.02			.04	.04	.04		.03	.03	.03	.02	.02	.02	.02	.01	.02	.022		
NO.	19		19	19	19	19	19	19	17	15	15	16	17	16	14	17	19	19	19	19	19	19	19	19		414	
MAX.	.04		.03	.03	.03	.04	.02	.03	.04	.04	.07	.07	.08	.08	.08	.06	.05	.05	.04	.04	.04	.04	.03	.03	.040		.09

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-69.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

TOTAL OXIDANT
SEPT. 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1																											
2																											
3																											
4																											
5*																											
6*																											
7																											
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*																											
20*																											
21																											
22																											
23																											
24																											
25	.01	.01	.01	.01	.01	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.01	.01	.023	24	.05
26*	.02		.02	.02	.02	.02	.02	.01				.02	.02	.03	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.017	20	.03
27*	.02		.01	.01	.01	.01	.01	.01	.02	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.021	23	.05
28	.01		.01	.02	.02	.01	.02	.03	.03	.03	.03	.03	.03		.04	.04	.03	.02	.03	.03	.03	.02	.02	.02	.026	22	.06
29	.02		.02	.02	.03	.05	.04	.03	.04			.04	.05	.05			.05	.04	.04	.04	.04	.04	.04	.03	.037	19	.07
30	.05			.04	.04	.03	.02	.03	.03	.03		.03	.03	.05	.04	.05	.05	.04	.04	.05	.04	.03	.03	.03	.036	21	.07
MEAN																											
NO.		1	5	6	5	6	5	6	5	4	3	6	6	5	5	5	6	6	6	6	6	6	6	6		129	
MAX.	.05	.01	.02	.04	.04	.05	.04	.04	.04	.03	.03	.04	.05	.05	.04	.05	.05	.04	.04	.05	.04	.04	.04	.03	.037		.07

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV. DEC. 2, 1968

Table 3-70.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CHICAGO, ILL.

TOTAL OXIDANT
OCT. 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3*	.11	.00	.01	.01	.01	.02	.01	.01			.02	.02	.03	.05	.04	.03	.04	.03	.02	.02	.02	.02			.021	20	.06
4*																											
5																											
6																											
7																											
8																											
9																											
10*																											
11*																											
12																											
13																											
14																											
15																											
16																											
17*																											
18*																											
19																											
20																											
21																											
22																											
23																											
24*																											
25*																											
26																											
27																											
28																											
29																											
30																											
31*																											
MEAN	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1			.021	20	.06
NO	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1					
MAX	.11	.00	.01	.01	.01	.02	.01	.01			.02	.02	.03	.05	.04	.03	.04	.03	.02	.02	.02	.02					

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

Table 3-71.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX.
1*																											
2																											
3																											
4																											
5																											
6	.03		.02	.04	.02	.03	.04	.05	.05	.03				.03				.03	.04	.03	.03	.03	.03	.03	.033	17	.10
7*	.03		.02	.02	.02	.02	.02	.04	.03	.02	.03	.03	.03	.02	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.028	23	.08
8*	.03		.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.05	.05	.05	.05	.05	.05	.04	.06	.04	.05	.03	.03	.036	23	.09
9	.02		.02	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01		.02	.02	.03	.03	.01	.01	.02	.02	.02	.02	.017	22	.04
10																											
11																											
12												.02	.02	.02	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.015	13	.03
13	.01		.01	.01	.01	.00	.01	.02	.02	.02	.02	.02	.02		.03	.03	.03	.06	.05	.07	.06	.05	.05	.04	.029	22	.09
14*	.03		.03	.01	.02	.02	.02	.02	.03	.03			.03	.03	.03	.03	.04	.03	.03	.03	.04	.03	.03	.03	.028	21	.06
15*	.03		.03	.03	.02	.03	.03	.02	.02	.03	.03	.03	.04	.04	.04	.04	.04	.03	.03	.02	.03	.03	.03	.02	.028	23	.07
16	.02		.01	.01	.02	.01	.02	.03	.03	.04	.03	.03	.03	.03	.04	.04	.05	.05	.04	.04	.04	.04	.03	.03	.030	23	.08
17	.02		.02	.01	.01	.02	.03	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05	.04	.03	.028	23	.08
18	.02		.02	.02	.02	.01	.03	.03	.03	.03		.03	.03	.03	.04	.03	.04	.03	.02	.03	.02	.03	.03	.02	.026	24	.09
19	.02		.00	.01	.01	.01	.03	.04	.05	.04		.04	.03	.04	.04	.04	.04	.03	.04	.03	.02	.03	.02	.01	.027	24	.07
20	.02			.01	.00	.01	.02	.04	.04	.02	.02	.03	.03	.03	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.022	22	.08
21*	.01			.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	24	.02
22*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
23	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.01	.01	.01	.02	.04	.04	.02	.01	.02	.01	.01	.009	22	.07
24	.02		.00	.00	.00	.00	.00	.00	.00	.00			.00	.00				.00	.02	.03	.02	.03	.02	.02	.009	18	.04
25	.02		.01	.01	.01	.00	.04	.07	.09							.03	.05	.05	.08	.10	.05	.04	.04	.03	.042	17	.16
26	.03		.02	.02	.01	.02	.02	.03	.03	.03	.04	.04	.05	.05	.06	.04	.04	.04	.04	.05	.04	.04	.05	.06	.036	23	.09
27	.04		.03	.03	.02	.02	.03	.04	.04							.05	.07	.07	.05	.04	.04	.03	.04	.04	.040	17	.11
28*	.03		.03	.02	.02	.02	.02	.03	.04	.03	.04	.03	.04	.03	.03	.03	.02	.02	.02	.01	.01	.01	.01	.01	.024	23	.06
29*	.01		.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.01
30	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01			.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.02
MEAN	.02		.01	.01	.01	.01	.02	.03	.03	.02		.02	.04	.02	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.022		
NO.	22		20	22	22	22	22	22	22	20	15	17	20	19	18	20	21	23	23	23	23	23	23	23		989	
MAX.	.04		.03	.04	.04	.03	.04	.07	.09	.04	.04	.04	.05	.05	.06	.05	.07	.07	.08	.10	.06	.05	.05	.06	.042		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV., DEC., 29, 1968

Table 3-72.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

TOTAL OXIDANT
DEC. 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.00		.01	.00	.00	.00	.00	.00	.00				.04	.06	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.017	17	.05
2	.02		.01	.01	.01	.03	.04	.03	.03				.04		.04	.05	.07	.05	.05	.05	.06	.04	.04	.04	.038	20	.09
3	.03		.02	.02	.02	.01		.05	.06	.06		.05	.04		.04	.06	.07	.05	.06	.04	.04	.04	.05	.03	.041	20	.09
4	.03		.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.04	.04	.05	.05	.04	.03	.03	.03	.04	.03	.03	.05	.034	23	.09
5*	.04		.02	.02	.01	.01		.01	.01		.02	.02	.02	.02	.03	.01	.01	.00	.00	.00	.00	.00	.00	.00	.012	21	.05
6*	.00			.01	.01	.01	.01	.00	.00	.00	.00	.02	.01	.02	.02	.01	.01	.01	.00	.00					.008	18	.03
7																											
8										.02	.03	.02	.02	.02			.02	.02	.02	.02	.03	.03	.03	.02	.022	18	.08
9	.03		.01	.01	.01	.01	.01	.01				.01	.01	.01		.02	.01	.01	.01	.01	.01	.01	.01	.01	.012	19	.05
10	.01		.00	.00							.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.01	.009	15	.03
11	.01		.01	.02	.01	.01	.01	.02	.01	.02	.02	.08					.03	.03	.03	.02	.02	.02	.02	.02	.020	19	.09
12*	.02		.01	.00	.01	.01	.01	.01	.03	.03	.02	.02	.02	.03	.04	.04	.03	.03	.03	.04	.03	.05	.04	.05	.024	23	.10
13*	.02		.02	.01	.01	.01	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.00	.00	.01	.00	.012	23	.05
14	.00		.00	.00	.00	.00	.01	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.05
15	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00							.00	.00	.00	.00	.00	.00	.01	.001	17	.01
16	.01		.00	.00	.00	.01	.01	.01	.02	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.00		.00	.008	24	.03
17			.00	.00	.00	.00	.00	.00	.00			.00	.00								.00	.00	.00	.00	.000	13	.00
18	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.00	.000	20	.00
19*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.000	23	.02
20*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
21	.00		.00	.00	.00	.00	.00		.00		.01	.01	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.002	21	.02
22												.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.003	15	.02
23	.00		.00	.01	.01	.00	.01	.01	.02	.01	.01	.01	.01	.02			.01	.02	.03		.01	.02	.02		.011	19	.04
24	.01			.01	.01	.02	.02	.03	.06	.05	.01		.04	.04	.04	.04	.02	.02	.02	.02	.02	.01	.01	.01	.023	21	.08
25	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.02	.01	.01	.00	.00	.005	23	.05
26*	.00		.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.02
27*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02	.01	.03	.01	.006	23	.06
28	.01		.01	.01	.01	.01	.00	.00	.01	.00	.00	.01	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.005	23	.06
29	.00		.00	.00	.00	.00	.01	.01	.01	.01					.00	.00	.00	.00	.01	.02	.01	.01	.01	.03	.006	19	.05
30																											
31	.00		.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.01	.02	.04	.05	.06	.06	.05	.07	.09	.09	.07	.05	.031	23	.12
MEAN	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.02	.01	.012		
NO.	25		24	27	26	26	24	25	25	21	22	24	25	21	21	23	27	28	28	27	28	28	27	27		580	
MAX.	.04		.03	.03	.03	.03	.04	.03	.06	.06	.03	.08	.04	.06	.05	.06	.07	.06	.06	.07	.09	.09	.07	.05	.041		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-73.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
	CHICAGO ILLINOIS														JAN/64
01	5.6	4.6	5.7	7.2	5.8	3.7	2.7	3.3	2.1	2.1	2.2	2.2	3.97	12	7.2
02	1.9	3.0	3.2	3.6	5.9	3.9			3.1	2.2	2.2	2.0	3.13	10	5.9
03	1.8	2.7	2.9	4.2	3.8	2.9	2.1	2.6	2.7	1.9	1.7	1.7	2.62	12	4.2
04	1.2	1.1	2.0	2.6	2.8	3.8	4.3	2.2	3.3	4.1	3.7	3.0	2.88	12	4.3
05	3.0	2.5	2.4	3.7	2.6	4.4	3.8	1.6	1.5	1.7	1.9	2.0	2.64	12	4.4
06	1.6	1.9	2.4	3.9	2.8	2.9	2.4	2.8	2.4	3.0	2.5	2.6	2.64	12	3.9
07	2.5	2.2	3.8	5.4	3.4	2.5	2.6	2.0	3.1	4.5	4.8	3.8	3.42	12	5.4
08	2.6	2.0	2.3	3.5	3.5	2.5	2.3	2.0	3.1	3.5	2.8	2.9	2.78	12	3.5
09	2.8	2.6	3.7	4.0	3.6	2.8	2.3	2.8	2.8	2.4	2.2	2.2	2.88	12	4.0
10	1.8	1.7	2.7	3.8	3.4	2.7	3.3	3.1	3.5	3.6	3.6	3.9	3.13	12	3.9
11	4.4	3.1	2.3	1.1	1.5	1.3	2.3	1.8	2.5	1.4	1.3	1.2	2.05	12	4.4
12	1.3	1.1	1.8	1.9	2.0	2.0	1.5	2.5	2.4	2.4	2.0	3.3	2.05	12	3.3
13	4.3	2.9	2.9	3.0	4.1	4.0	4.3	4.1	3.6	3.0	4.3	3.9	3.74	12	4.3
14	3.6	4.0	4.2	3.6	3.5	2.8	2.0	2.4	3.0	3.3	3.6	3.4	3.32	12	4.2
15	3.7	4.7	5.2	5.7	6.4	4.2	3.6	3.9	3.1	2.7	2.3	2.5	4.04	12	6.4
16	2.4	2.7	4.3	4.7	4.1	3.2	2.9	2.7	3.5	3.9	3.4	3.3	3.45	12	4.7
17	2.0	1.3	1.5	2.3	3.0	2.4	2.6	2.1	2.8	2.6	2.3	2.4	2.33	12	3.0
18	2.2	2.3	2.6	3.9	3.9	3.5	2.9						3.08	07	3.9
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG	2.70	2.57	3.10	3.[illegible]	3.67	3.08	2.81	2.61	2.85	2.84	2.75	2.72	2.96		
N(3)	18	18	18	[illegible]	18	18	17	16	17	17	17	17		209	
MAX*	5.6	4.7	5.7	7.2	6.4	4.4	4.3	4.1	3.6	4.5	4.8	3.9	4.04		7.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-74.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CHICAGO ILLINOIS FEB/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13								2.0	2.6	2.8	1.9	2.2			
14	1.9	2.7	3.0	5.5	6.2	3.4	2.3	2.3	2.8	3.5	2.9	3.2	3.34	12	6.2
15	3.3	3.0	3.4	2.8	2.0	2.0	2.4	1.8	2.0	1.1	1.5	2.1	2.32	12	3.4
16	2.1	1.2	1.9	3.3	2.3	2.3	2.3	1.6	0.9	2.1	2.5	2.4	2.10	12	3.3
17	1.8	2.7	2.1	2.7	2.6	2.0	1.9	2.1	2.3	2.3	1.8	2.2	2.25	12	2.7
18	2.3	3.1	4.6	5.4	4.2	2.8	2.4	2.5	2.5	2.0	1.7	1.8	2.99	12	5.4
19	1.6	1.5	1.7	2.2	3.0	2.7	2.8	2.4	2.3	2.3	2.8	2.5	2.36	12	3.0
20	2.2	1.9	2.5	2.6	2.7	2.3	2.0	2.3	2.2	1.9	2.1	2.2	2.28	12	2.7
21	1.8	1.8	1.9	2.8	2.4	1.8	2.1	2.3	2.8	2.7	2.3	2.6	2.32	12	2.8
22	2.6	2.8	3.5	4.5	4.1	2.9	2.1	1.3	1.3	1.5	1.3	1.4	2.46	12	4.5
23	1.1	1.3	1.6	2.0	1.7	1.4	1.2	1.4	1.5	1.8	2.2	2.3	1.67	12	2.3
24	1.8	1.5	2.6	5.2	3.4	2.0	1.6	1.4	1.9	1.7	1.9	1.7	2.28	12	5.2
25	1.3	1.8	1.7	2.6	3.1	2.0	2.3	2.3	2.3	2.1	2.2	2.1	2.19	12	3.1
26	2.4	1.6	2.4	3.4	2.9	2.1	1.8	1.7	1.9	2.0	2.6	2.5	2.32	12	3.4
27	2.5	2.8	4.1	5.5	2.4	2.1	1.9	2.1	1.9	2.0	2.3	2.1	2.69	12	5.5
28	1.8	2.1	2.7	3.3	2.4	2.0	2.1	1.9	2.1	2.6	3.4	2.6	2.44	12	3.4
29	1.7	1.6	1.7	3.2	2.0	3.1	1.5	1.4	0.9	1.1	1.4	1.3	1.78	12	3.2
AVG	2.01	2.08	2.58	3.56	2.96	2.30	2.04	1.92	1.97	2.04	2.18	2.18	2.30		
N(3)	16	16	16	16	16	16	16	16	16	16	16	16		192	
MAX*	3.3	3.1	4.6	5.5	6.2	3.4	2.8	2.5	2.8	3.5	3.4	3.2	3.34		6.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-75.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CHICAGO ILLINOIS — MARCH/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.2	1.0	1.4	1.8	1.1	1.0	1.2	1.0	1.4	2.7	2.9	3.2	1.70	12	3.2
02	2.8	3.1	3.6	4.1	4.8	2.9	3.4	1.9	2.9	3.7	2.4	1.8	3.12	12	4.8
03	2.0	2.2	2.3	3.7	3.7	3.8	3.1						3.02	07	3.8
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG N(3) MAX*													3.12	031	4.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-76.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CHICAGO ILLINOIS

APRIL/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21									1.0	1.0	0.9	0.8			
22	0.4	0.8	0.7	1.7	2.0	1.4	1.2	1.2	1.3	1.5	1.9	1.7	1.35	12	2.0
23	1.4	1.7	2.2	2.3	2.0	1.6	1.2	2.0	1.8	1.7	1.5	1.2	1.75	12	2.3
24	0.9	0.7	1.5	1.4	1.4	1.0	1.3	1.6	2.4	1.6	1.4	1.9	1.47	12	2.4
25	1.6	1.7	1.2	1.6	1.2	1.9	1.3	1.9	1.6	1.4	1.4	1.4	1.55	12	1.9
26	1.3	1.0	0.8	1.0	1.1	1.4	1.4	1.3	1.5	1.1	0.8	0.8	1.17	12	1.5
27	0.5	1.0	1.5	2.1	1.9	2.0	2.1	1.5	1.7	1.8	1.1	1.6	1.59	12	2.1
28	3.1	3.9	4.6	4.6	3.8	1.8	1.2	2.0	1.8	1.4	2.9	4.4	3.00	12	4.6
29	1.9	1.4	3.3	4.2	2.6	2.2	1.9	1.8	2.0	1.6	1.7	1.5	2.21	12	4.2
30	1.7	1.3	1.5	4.4	2.3	3.4	2.3	3.1	2.0	3.0	3.3	2.2	2.41	12	3.4
AVG														108	
N(3)													3.00		4.6
MAX*															

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-77.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	CHICAGO ILLINOIS AVG	MAY/64 N (1)	MAX (2)
01	2.3	3.4	4.2	6.2	2.0	1.6	2.0	2.0	2.6	3.1	2.4	1.9	2.86	12	6.2
02	1.8	0.7	1.5	2.0	1.6	1.9	1.9	1.6	1.9	1.4	1.4	1.6	1.64	12	2.0
03	1.1	1.0	1.1	0.9	1.6	1.1	1.2	0.9	1.2	1.4	2.0	1.6	1.30	12	2.0
04	1.8	1.6	1.8	3.4	2.7	1.8	1.3	1.2	1.2	1.5	1.2	1.4	1.78	12	3.4
05	0.7	0.6	1.0	2.0	1.4	0.8	0.9	1.3	1.5	1.2	1.3	1.1	1.19	12	2.0
06	0.8	1.1	1.0	1.6	1.6	1.6	1.5	1.2	1.0	0.9	1.2	1.0	1.27	12	1.6
07	0.7	1.4	1.8	1.9	1.5	1.7	1.6	1.7	1.4	0.8	1.4	1.6	1.48	12	1.9
08	0.9	1.6	1.8	2.3	1.8	1.5	1.1	1.6	1.3	1.3	0.8	1.1	1.47	12	2.3
09	0.7	0.8	0.9	1.4	1.1	0.7	0.6	1.0	0.9	1.2	1.2	1.3	1.02	12	1.4
10	1.1	1.1	1.5	1.2	1.0	0.7	0.6	0.8	0.9	1.8	1.9	6.0	1.59	12	6.0
11	4.5	5.6	5.4	5.6	3.4	2.4	3.0	3.1	4.5	2.3	1.9	1.4	3.63	12	5.6
12	0.9	1.2	2.2	2.5	1.5	1.5	1.8	2.0	2.0	1.9	1.4	1.9	1.77	12	2.5
13	1.0	1.1	1.8	2.8	2.9	2.0	2.3	3.1	2.6	2.3	1.8	0.9	2.09	12	3.1
14	1.8	2.4	4.2	6.2	3.1	2.3	1.8	2.4	1.5	1.1	1.2	5.5	2.83	12	6.2
15	3.7	3.6	3.4	3.7	2.1	1.5	1.2	1.1	1.1	1.3	1.4	1.3	2.15	12	3.7
16	0.7	1.1	1.5	2.3	1.3	1.2	2.1	1.5	0.9	1.1	1.0	1.4	1.38	12	2.3
17	4.3	3.6	2.8	3.2	2.1	3.3	2.6	2.1	1.5	2.2	1.3	0.8	2.51	12	4.3
18	0.6	0.4	0.9	1.8	1.3	1.8	1.4	1.2	0.9	1.5	1.1	0.6	1.19	12	1.8
19	0.9	0.8	1.2	1.4	1.1	1.0	1.0	1.1	1.2	1.2	0.6	0.5	1.04	12	1.4
20	0.9	0.7	0.6	1.3	1.0	0.9	1.2	1.8	1.6	2.0	1.0	1.4	1.25	12	2.0
21	1.0	0.9	3.8	3.4	2.0	1.9	1.8	1.6	2.4	3.3	3.7	1.7	2.31	12	3.8
22	1.6	1.5	1.6	2.7	2.1	1.5	1.3	1.5	1.3	1.3	1.5	1.0	1.63	12	2.7
23	0.9	0.9	0.9	1.5	1.1	1.0	0.7	1.0	0.7	0.8	0.9	0.7	0.96	12	1.5
24	0.6	0.4	0.6	1.7	0.2	0.5	0.3	0.6	0.7	1.4	0.9	1.0	0.79	12	1.7
25	1.3	1.2	2.0	3.2	3.0	1.5	1.3	1.1	1.3	1.3	1.4	2.7	1.82	12	3.2
26	1.9	1.1	1.2	2.0											
27															
28															
29															
30															
31															
AVG	1.46	1.54	1.98	2.64	1.78	1.50	1.46	1.54	1.52	1.58	1.43	1.65	1.66		
N(3)	25	25	25	25	25	25	25	25	25	25	25	25		300	
MAX*	4.5	5.6	5.4	6.2	3.4	3.3	3.0	3.1	4.5	3.3	3.7	6.0	3.63		6.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-78.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CHICAGO ILLINOIS — JUNE/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16						0.9	1.3	1.3	1.9	1.6	2.3	0.9	1.50	07	2.3
17						0.9	0.4	1.3					1.01	08	1.3
18	0.8	0.9	1.2	1.1	1.2		0.9	1.2	1.5	1.2	1.8	1.0	1.12	07	1.8
19	0.0														
20	0.6	0.6	0.7	1.1	1.2	0.9	1.7	0.8	1.1	1.4	1.2	1.0	1.06	12	1.7
21	2.0	1.8	0.9	1.1	0.6	1.1	1.0	1.1	1.9	1.1	1.1	1.2	1.28	12	2.0
22	0.6	0.6	0.7	2.2	1.3	1.7	0.8	1.3	1.6	1.3	1.6	0.9	1.25	12	2.2
23	1.6	1.2	1.5	1.0	1.3	0.7	0.7	0.9	0.7	0.6	0.7	0.9	1.02	12	1.6
24	0.8	0.9	1.2	1.6	1.2	1.0	1.3	1.4	1.0	0.8	0.9	1.4	1.16	12	1.6
25	3.2	4.0	3.3	3.1	1.4	0.9	0.3	0.8	1.1	0.8	1.2	1.9	1.88	12	4.0
26	1.5	1.7	1.3	1.6	2.0	1.4	1.4	1.1	1.2	1.0	1.2	1.5	1.44	12	2.0
27	1.8	1.5	1.4	1.5	1.5	1.3	1.6	1.6	1.4	1.0	1.1	1.7	1.48	12	1.8
28	2.4	4.1	4.0	3.1	1.7	1.5	1.9	1.7	1.6	1.1	1.0	1.0	2.13	12	4.1
29	1.9	2.5	2.0	2.5	2.0	1.6	1.0	1.1	1.0	1.1	1.0	1.5	1.64	12	2.5
30	1.5	0.9	1.9	2.8	3.0	1.9	1.5	2.0	1.3	0.8	1.1	1.3	1.71	12	3.0
AVG														154	
N(3)													2.13		4.1
MAX*															

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-79.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CHICAGO ILLINOIS — JULY/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.2	1.2	1.2	0.9	1.9	1.9	1.3	0.6	1.5	1.1	1.7	1.4	1.36	12	1.9
02	2.1	1.8	0.9	1.8	2.1	1.5	1.2	2.2	1.8	1.6	1.9	1.7	1.76	12	2.2
03	1.8	2.4	2.3	2.2	2.8	1.7	1.5	1.8	1.8	1.2	1.0	0.6	1.81	12	2.8
04	0.3	0.5	0.9	0.3	0.1	0.3	0.3	0.7	0.4	0.2	0.5	0.9	0.49	12	0.9
05	1.1	0.5	0.3	0.4	0.6	0.7	0.1	0.5	0.5	0.5	1.0	0.6	0.62	12	1.1
06	1.2	2.0	2.4	1.7	1.1	1.0	1.2	1.0	0.9	0.9	0.9	0.9	1.30	12	2.4
07	0.8	0.7	1.4	1.6	1.7	1.2	1.8	2.0	1.9	1.8	2.5	1.5	1.68	12	2.6
08	2.0	1.6	2.1	1.8	1.0	1.1	1.4	1.7	1.4	1.7	1.5	0.9	1.56	12	2.1
09	0.8	1.2	1.1	1.8	1.6	1.4	1.3	2.1	1.8	1.3	1.2	0.9	1.41	12	2.1
10	0.9	1.1	2.7	2.8	1.4	1.4	1.2	1.8	1.5	1.3	1.8	1.3	1.64	12	2.8
11	1.0	0.6	2.7	1.2	1.7	1.2	1.6	1.4	1.0	0.9	1.4	1.5	1.40	12	2.7
12	0.3	0.4	0.3	0.5	0.6	0.4	0.3	0.7	0.5	0.9	0.5	0.4	0.52	12	0.9
13	0.6	0.8	1.3	1.7	1.4	1.0	0.7	1.4	1.4	1.3	1.1	1.1	1.18	12	1.7
14	0.8	0.5	0.7	1.3	1.4	1.2	1.3	1.2	1.4	1.4	1.9	2.3	1.32	12	2.3
15	2.3	3.2	2.6	2.7	2.2	1.2	2.5	2.6	2.8	2.0	1.8	2.6	2.41	12	3.2
16	2.6	2.4	2.6	2.4	2.3	2.1									
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG															
N(3)														180	
MAX*													2.41		3.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-80.

TABULATED 08/22/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CHICAGO ILLINOIS

AUG/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG															
N(3)														000	
MAX*													.0		0.0

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-81. TABULATED 08/22/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY TIME (STARTING HOUR) CHICAGO ILLINOIS SEPT/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG N(3)															
MAX*													.0	000	0.0

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTJAL VALUE

Table 3-82.

TABULATED 08/22/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CHICAGO ILLINOIS

OCT/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG															
N(3)															
MAX*													.0	000	0.0

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-83.

TABULATED 08/30/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CHICAGO ILLINOIS

NOV/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG N(3) MAX*													. 0	000	0.0

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-84.

TABULATED 08/22/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CHICAGO ILLINOIS DEC/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG															
N(3)														000	
MAX*													.0		0.0

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

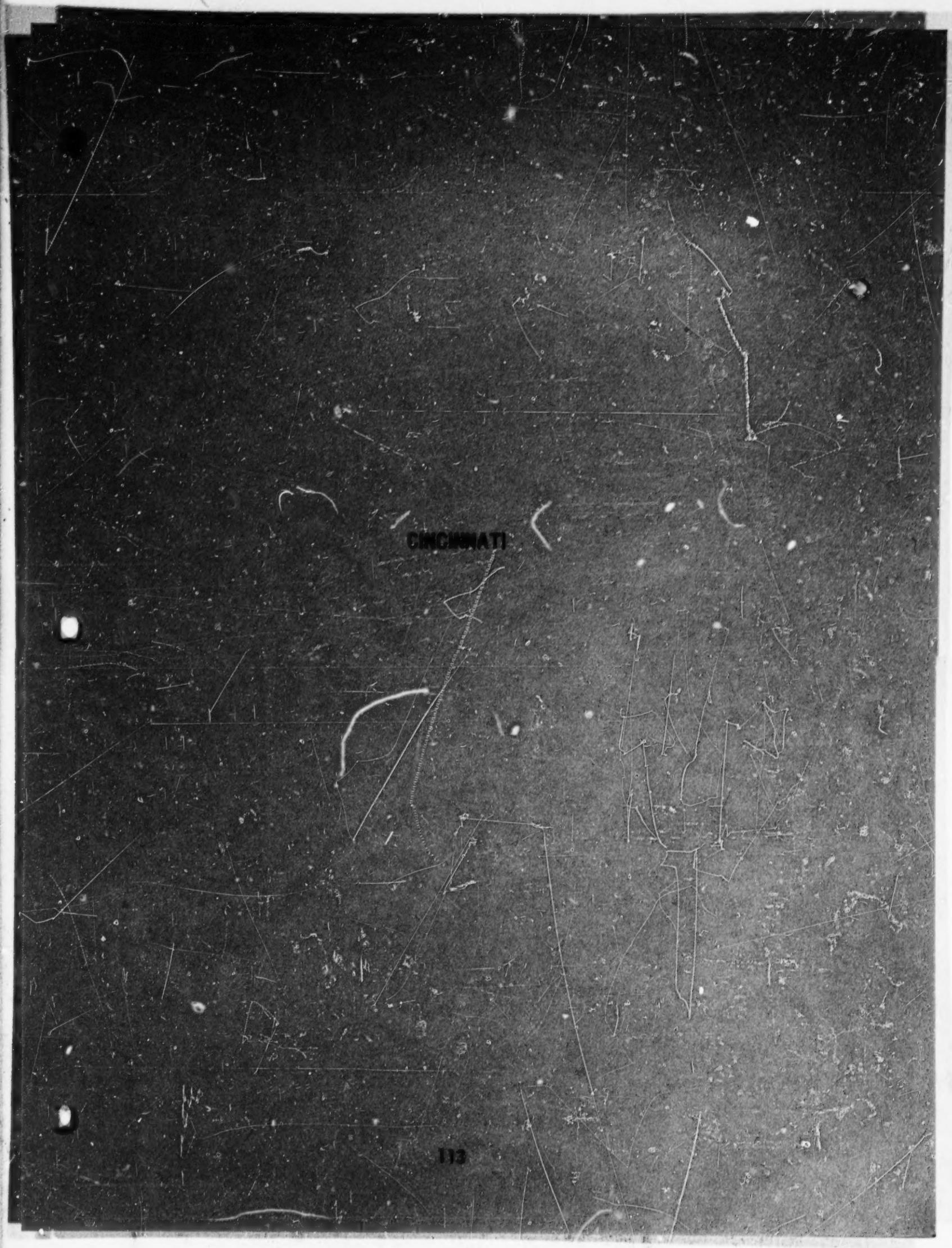
CINCINNATI

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Table 3-85.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1 2 3 4* 5*																											
6 7 8 9 10																											
11* 12* 13 14 15																											
16 17 18* 19* 20																											
21 22 23 24 25*																											
26* 27 28 29 30 31																											
MEAN NO. MAX.																									0.0		0

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

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CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-86.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
FEB. 1964

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*																											
2*																											
3																											
4																											
5																											
6																											
7																											
8*																											
9*																											
10																											
11																											
12																											
13																											
14																											
15*																											
16*																											
17																											
18																											
19																											
20																											
21																											
22*																											
23*																											
24																											
25																											
26																											
27																											
28																											
29*																											
MEAN																											
NO.																											
MAX.																									0.0		0

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV. DEC. 21 1968

Table 3-87.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*																											
2																											
3																											
4																											
5																											
6																											
7*																											
8*																											
9																											
10																											
11																											
12																											
13																											
14*																											
15*																											
16																											
17																											
18																											
19																											
20																											
21*																											
22*																											
23																											
24																											
25																											
26																											
27																											
28*																											
29*																											
30																											
31																											
MEAN																											
NO																											
MAX																									0.0		0

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV. DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-88.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
APRIL 1964

DAY OF MONTH	AM 12 1	AM 1 2	AM 2 3	AM 3 4	AM 4 5	AM 5 6	AM 6 7	AM 7 8	AM 8 9	AM 9 10	AM 10 11	AM 11 12	PM 12 1	PM 1 2	PM 2 3	PM 3 4	PM 4 5	PM 5 6	PM 6 7	PM 7 8	PM 8 9	PM 9 10	PM 10 11	PM 11 12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3																											
4*																											
5*																											
6																											
7	3	3	3	6	5	6	6	6	5	4	3						3	3	6	7	8	9	10	10	6.2	19	11
8	3	9	9	9	9	9	7	8	8	7	6	6	7	7	6	6	5	5	5	5	5	5	5	5	6.7	24	10
9	5	5	4	4	4	6	4	5	7	5	4	4	4	4	4		3	3	4	5	5	6	6	6	4.6	23	8
10	3	6	6	5	5	5	5	5	5			3	3	3	3	3	4	4	4	5	7	9	10	10	5.1	24	11
11*	11	12	12	13	12	11	11	10	9	9	6	5	4	4	4	4	3	4	4	5	6	7	7	7	7.4	24	13
12*	6	6	6	6	5	6	5	5	5	5	5	5	5	5	5	5	4	4	5	5	4	4	4	4	5.0	24	7
13	4	4	4	3	4		4	4	4	4	4	4	4	4	4	4	4	4	4	5	6	6	6	6	4.2	23	7
14	7	7	7	7	7	7	7	7	7	6	5	4	4	5	4	3	3	4	4	5	5	5	5	6	5.4	24	8
15	6	6	6	6	6	6	7	7	7	7	6	5	5	4	4	4	4	4	5	5	6	6	6	7	5.7	24	8
16	7	7	7	7	7	7	7	7	7	8	9	7	5	5		4	5	6	6	7	7	7	8	8	6.6	23	8
17																											
18*																											
19*																											
20																											
21																											
22																											
23																											
24	3	3	3	3	4	4	4	4	5		3	5	5	5	5	5	5	5	6	6	6	7	7	7	4.8	23	8
25*	7	7	7	7	7	7	7	7	7	8	6	5	5	5	5	5	5	5	5	5	6	6	6	6	6.0	24	8
26*	7	6	6	6	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5.3	24	7
27																											
28																											
29																											
30	3	3	3	3	3	4	4	4	5		7	7	8	8	6	6	7	6	6	6	6	6	6	6	5.3	24	9
MEAN																											
NO	14	14	14	14	14	14	13	14	14	11	13	13	13	13	12	12	14	14	14	14	14	14	14	14		329	
MAX	11	12	12	13	12	11	11	10	9	8	8	7	8	8	6	6	7	6	6	7	8	9	10	10	7.4		13

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 21 1968

Table 3-89.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CINCINNATI, OHIO

CARBON MONOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	6	6	7	7	7	7	8	8			4	4	4	4	4	4	4	5	5	6	7	7	7	7	5.7	24	8
2*	7	7	7	7	6	7	7	7	6	5	5	4	4	4	4	4	4	4	5	6	6	8	8	8	5.5	24	8
3*	6	6	8	8	6	6	6	6	7	7	5	5	4	4	4	4	4	5	5	5	7	9	7	8	5.5	24	8
4	7	7	8	8	8	8	8	7	9	9	7	4	3	4	4	4	4	5	5	6	7	7	9	7	6.7	19	10
5	9	9	8	8	8	7	8	8		9									6					7	6.5	24	10
6	8	8	8	7	7	7	7	7	7	7	5	5	4	5	5	5	5	5	6	6	6	7	7	7	6.1	24	9
7	7	6	6	5	6	6	6	6	6	6	7	7	6	6	6	6	6	7	6	6	6	7	7	7	6.2	24	8
8	6	6	6	6	6	6	6	5	5	5	7	7	5	5	6	6	5	6	6	6	6	7	7	7	6.1	24	8
9*	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	6	6	6	7	7	7	5.6	24	7
10*	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	6	6	6	7	9	9	6.1	24	9
11	9	9	9	9	9	9	8	8	8	7		7		5	5	6	6	6	6	7	7	7	6	6	7.2	24	10
12	6	6	6	6	6	6	6	6	6	5	5	5		5	5	5	6	6	6	8	8	8	6	6	5.6	24	7
13	6	5	6	7	6	6	6	7	7	10		5	6	6	5	6	6	7	7	8	8	8	7	7	6.5	21	11
14	7	6	6	7	7	6	6	7	7	8	8	9	12	8	7	6	7	7	8	8	9	10	11	11	8.0	20	15
15	10	9	9	9	9	9	9	11	13	9	8	11	12	14	11	11	12	14	15	17	17	18	16	15	11.9	24	16
16*	13	13	11	11	10	10	10	11	9	12	15	15	15	14	14	10	4	3	6	8	9	11	11	10	10.5	24	16
17*	10	10	10	10	10	10	9	9	8	7	6	7	7	6	6	6	6	6	6	8	10	11	12	12	8.3	24	13
18	13	12	12	12	12	12	12	14	13	9	7	8	7	5	4	5	4	5	5	6	8	9	9	9	8.7	24	14
19	9	9	8	8	8	8	8	8	7	6		4	5	5	5	5	4	4	5	6	6	7	7	7	6.3	23	9
20	7	7	7	6	7	7	7	7	7	8	7	6	6	6	6	5	6	6	6	7	8	8	9	9	6.8	24	9
21	9	9	9	10	10	10	10	10	9	9	8	6	5	6	5	5	4	5	5	6	8	11	12	12	8.0	24	13
22	12	11	11	11	10	10	11	12	10	9	7	7	5	11	15	19	20	9	6	8	12	15	16	17	11.3	24	23
23*	16	15	15	14	14	14	14	11	11	10	8	8	9	11	12	10	9	10	10	11	12	13	13	13	11.8	24	17
24*	13	13	12	12	11	11	11	10	9	8	8	8	8	8	7	8	8	9	8	10	10	11	11	11	9.7	24	14
25	11	12	12	12	12	13	14	14	11	8	7	6	8	7	7	7	7	8	8	9	12	12	13	13	10.1	24	15
26	13	13	13	13	13	13	13	13	12	12	10	8	7	8	8	8	9	11	11	12	13	13	12	12	11.3	24	14
27	12	12	12	12	12	12	12	12	11	10			8	9	9	9	9	9	10	12	13	13	13	13	11.0	22	14
28	14	13	13	15	13	15	15	16	15	16	16	15	14	14	15	15	16	16	15	15	16	18	18	18	15.2	24	19
29	18	19	18	18	17	17	18	16	14	11	10	11	11	12	11	11	10	11	11	13	16	17	16	16	14.3	24	19
30*	16	16	16	17	17	17	17	15	15	12	11	11	11	11	10	10	10	10	12	12	14	15	15	15	13.5	24	18
31*	14	14	14	14	14	13	14	14	14	13	13	13	13	12	11	10	11	11	11	11	12	12	12	13	12.7	24	15
MEAN	10	10	10	10	9	10	10	9	9	8	8	7	7	8	7	7	7	7	8	8	9	10	10	10	8.7		
NO	31	31	31	31	31	30	30	30	29	30	26	29	29	30	30	30	30	31	31	31	31	31	31	31		729	
MAX	18	19	18	18	17	17	18	16	15	16	16	15	15	14	15	19	20	46	15	17	17	18	18	18	15.2		23

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 21, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-90.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CARBON MONOXIDE
JUNE 1964

CONCENTRATION IN PPM
INFRARED ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	13	12	12	12	13	13	13	14	14	12	11			9	10	11	11	11	11	13	15	18	16	16	12.7	22	21
2	16	15	17	17	16	17	17	17	17	17	17	18	18	19	16	15	13	13	14	16	17	18	18	17	16.3	24	20
3	17	18	18	17	18	19	18	16	15	13	13	13	13	13	13	13	13	12	15	15	16	18	18	19	15.3	24	21
4	18	18	18	19	19	20	19	18	16	13	13	13	13	13	13	13	13	12	13	14	17	18	19	21	15.9	24	25
5	19	18	20	19	17	19	19	19	19	17	15	14	13	13	13	13	14	15	16	16	17	17	16	17	16.4	24	24
6*	17	16	17	16	16	17	16	17	16	16	14	13	12	12	11	11	11	11	12	14	15	15	17	16	14.5	24	19
7*	15	15	14	14	14	15	15	15	15	13	11	11	11	11	10	10	11	10	11	14	15	15	14	14	13.0	24	17
8	14	15	15	14	14	15	15	16	15	13				8	10	11	11	11	12	12	13	14	13	13	13.1	21	17
9	13	13	13	13	13	13	14	12	10	9	9	9	8	8	9	9	8	8	8	9	10	11	10	10	10.3	24	18
10	10	9	10	10	10	10	10	10	9	9	9	9	8	8	8	8	8	7	8	10	10	10	11	10	9.1	24	19
11	10	11	11	12	12	13	13	13	11	10	10	9	9	10	10	11	10	10		12	12	14	13	13	11.3	24	15
12	13	12	12	12	13	13	13	14	14	12	11	10	10	9	9	9	9	9	9	11	11	12	11	11	11.2	24	17
13*	12	11	10	10	9	10	9	9	9	9	9	8	9	10	9	9	10	9	10	11	11	11	11	10	9.7	24	14
14*	10	9	10	9	9	9	9	10	9	9	9	9	9	8	8	8	8	8	9	10	10	10	9	9	9.0	24	13
15	9	8	8	8	8	8	8	9	8	8	8	8	8	8	8	7	8	8	8	8	8	9	9	9	8.1	24	12
16	9	9	8	8	8	9	9	10	10	10	8	8	8	8	8	8	8	7	7	7	8	9	9	9	8.4	24	11
17	8	8	8	8	8	8	9	9	8	7	7	6	6	6		6	7	8	9	9	10	10	10	9	8.1	24	13
18	8	8	8	8	7	8	8	9	10	9		8	8	8	7	8	10	9	8	8	9	9	9	8	8.3	24	13
19	8	8	7	7	8	8	8	8	7	7	6	6	7	7	7	8	8	8	7	8	9	9	9	8	7.6	24	12
20*	8	8	7	7	8	7	8	8	8	8	8	7	7	7	7	7	7	7	8	8	9	11	10	14	8.1	24	17
21*	12	11	8	8	8	8	8	7	7	7	7	7	8	7	7	7	7	7	7	8	8	8	9	9	7.8	24	13
22	8	8	7	7	7	7	9	8	8	7	8	7	6	7	7	7	7	8	7	8	9	9	8	8	7.6	24	12
23	8	8	8	8	8	8	8	9	8						7	7	7	8	7	8	8	8	7	7	7.5	24	10
24	8	7	7	7	7	7	8	8	7	7	7	7	7	7	7	8	8	8	8	9	8	9	9	8	7.5	24	16
25	9	9	9	9	8	9	10	10	9	8	8	8	8	8	8	8	8	9	8	8	9	11	13	12	9.0	24	16
26	12	12	12	12	12	12	13	14	11	10	9	9	9	9	9	9	9	10	9	10	13	13	13	13	11.0	24	18
27*	13	13	14	16	13	13	14	14	14	12	10	10	10	11	10	10	11	11	11	13	15	15	14	12	12.4	24	19
28*	11	11	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	13	16	16	17	11.9	24	19
29	18	17	16	15	14	14	15	16	14	13	13	12	12	13	13	13	13	13	13	13	14	16	17	17	14.3	24	19
30	16	15	15	14	14	13	14	15	15	14	14	14	14	14	13	14	13								14.2	17	19
MEAN	12	12	12	11	11	12	12	12	11	11	10	10	10	10	10	10	10	10	10	11	12	12	12	12	11.0		
NO	30	30	30	30	30	30	30	30	30	29	27	27	27	29	29	30	30	29	29	29	29	29	29	29		701	
MAX.	19	18	20	19	19	20	19	19	19	17	17	18	18	19	16	15	14	15	16	16	17	18	19	21	16.5		24

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-91.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CINCINNATI, OHIO

CARBON MONOXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1																											
2																											
3	7	7	7	8	7	7	8	8	8	7	7	6	7	7	7	7	7	7	7	8	9	9	8	8	7.3	15	10
4*	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	9	8	9	8	8	7.5	24	12
5*	11	9	9	10	9	9	9	9	8	7	7	6	7	6	7	7	7	7	7	8	8	9	10	12	7.7	24	16
																				7	8	8	8	9	7.9	24	14
6	9	10	10	10	10	10	11	11	9	7	7	7	6	7	7	7	7	9	9	8	8	9	8	8	8.5	24	13
7	8	8	8	8	7	8	8	9	10	8	8	8	9	9	8	8	8	8	8	8	8	7	7	7	8.0	24	12
8																											
9																											
10	10	10	9	9	9	9	10	10	9	9	8	8	7	8	8	7	8	9	8	9	9	11	10	10	8.6	13	13
												7	8	8	8	7	8	9	8	9	9	11	13	14	9.4	24	16
11*	14	13	13	13	12	12	13	13	11	10	8	7	8	8	8	8	8	9	8	9	11	13	14	14	10.6	24	18
12*	16	13	10	10	9	9	9	9	9	9	9	10	10	10	10	10	9	10	10	11	11	12	12	12	10.3	24	18
13	11	11	10	11	10	11	12	12	11	10	9	9	9	9	9	9	10	10	10	10	11	12	12	12	10.3	24	15
14	11	11	11	11	11	11	11	11	11				8	10	10	10	10	10	10	11	12	12	11	11	10.7	21	15
15	12	12	11	11	11	12	12	13	13	11	10	10	10	10	10	10	10	11	11	12	12	13	13	13	11.4	25	17
16	13	13	12	12	12	13	14	14	13	12	11	12	11	11	11	11	12	12	12	13	14	15	16	18	12.7	24	21
17	16	15	14	13	13	13	14	14	14	13	12	11	11	12	12	12	13	13	13	13	14	14	14	15	13.1	24	18
18*	15	13	13	13	13	13	14	13	12	12	12	12	12	12	12	12	13	13	13	14	14	14	15	15	12.7	15	17
19*																											
20																											
21																											
22																											
23																											
24																											
25*																											
26*																											
27																											
28																											
29																											
30																											
31																											
MEAN													8	9	9	9											
NO.	14	14	14	14	14	14	14	14	14	14	14	15	16	16	16	16	15	15	15	15	15	15	15	15		353	
MAX.	16	15	14	13	13	13	14	14	14	13	12	12	12	12	12	12	13	13	13	13	14	15	16	18	13.1		21

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-92.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CINCINNATI, OHIO

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
AUG. 1964

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*																											
2*																											
3																											
4																											
5																											
6																											
7																											
8*																											
9*																											
10																											
11																											
12	3	3	3	3	3	3	3	4	3	3	2	1	2	1	2	4	4	3	3	4	4	3	3	4	2.9	24	6
13	3	3	2	2	3	3	3	5	3			4	4	4	3	3	4	3	3	4	5	3	5	3	3.4	22	7
14	3	3	3	2	2	3	4	4	3	2	2	2	3	3	3	2	3	3	2	3	4	6	11	8	3.4	24	18
15*																											
16*																											
17																											
18																											
19																											
20	3	3	2	2	2	2	3	4	4	3	2	2	2	2	2	2	3	3	2	5	8	9	5	3	3.2	24	12
21	1	1	1	1	1	2	2	3	2	2	2	2	2	1	1	2	3	2	3	3	3	4	3	2	2.0	24	8
22*	3	2	2	2	1	2	2	3	3	3	3	2	2	2	2	2	2	3	3	4	5	4	3	2	2.5	24	6
23*	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	5	3	2.5	24	7
24	4	4	3	3	2	3	5	8	8	6	3	3	3	3	3	3	3	2	2	4	6	5	4	3	3.9	24	10
25	2	3	3	3	3	3	4	4	4	2	2	2	2	2			2	2	2	2	2	2	2	2	2.5	22	9
26	2	2	2	2	1	2	2	3	3	3	2	2	2	2	2	2	2	2	2	3	4	3	2	2	2.2	24	6
27	2	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	3	2	3	5	5	5	4	2.4	24	8
28	3	2	1	1	1	1	2	3	3	2	2	2	1	1	1	2	2	2	2	2	1	2	2	2	1.8	24	4
29*	2	3	2	2	2	3	4	3	3	3	2	2	2	2	1	2	2	3	2	4	7	8	10	11	3.5	24	12
30*	11	9	8	8	7	5	6	3	3	2	1	2	2	1	2	1	1	1	2	2	3	3	3	2	3.7	24	18
31	3	3	2	1	1	1	2	3	3	2	2	2	2	2	1	2	3	2	2	3	3	3	3	2	2.2	24	6
MEAN	15	15	15	15	15	15	15	15	15	14	14	15	15	15	14	14	15	15	15	15	15	15	15	15		350	
NO.	11	9	8	8	7	5	6	8	8	6	3	4	4	4	3	4	4	3	3	5	8	9	11	11	3.9		18
MAX.																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

Table 3-93.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	1	1	1	1	1	2	2	3	4	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2.1	24	5
2	2	1	1	2	1	1	2	3	3	2	2	2	2	2	2	3	2	3	3	4	4	4	4	3	2.4	24	6
3	5	4	3	3	3	3	5	8	6	3	3	2	2	3	3	2	2	3	3	5	4	9	6	3	3.9	24	13
4																											
5*									3	3	3	3	3	2	3	3	3	3	4	6	6	6	8	9	4.1	24	14
6*	8	9	8	7	6	4	4	3	3	2	2	2	2	2	2	2	2	2	3	4	5	4	4	4	3.9	24	11
7	4	3	2	2	2	3	4	2	3	3	3	3	3	3	2	2	2	2	3	5	5	4	4	6	3.0	24	9
8	5	4	4	4	4	4	6	8	7	6		4	3	2	2	2	4	4	4	8	6	8	8	7	5.0	23	12
9	6	4	4	4	5	5	8	10	13	11	5	4	2	2	2	3	3	3	5	9	9	12	8	7	6.0	24	16
10	9	7	7	6	5	6	8	11	10	7	4	3	2	2	2	2	2	3	5	4	8	9	7	7	5.7	24	13
11																											
12*												3	2	2	2	2	2	2	2	4	3	3	4	3	2.6	13	8
13*	3	3	3	2	2	2	3	3	3	2	2	2	2	2	1	1	1	1	2	5	8	6	8	5	3.0	24	12
14	7	5	6	5	5	5	9	13	13	8	3	2	2	2	2	2	2	2	3	6	6	8	7	7	5.3	24	16
15	5	5	3	3	3	4	6	11	12	7	4	2	2	1	2	2	2	2	4	5	12	8	9	9	4.8	24	16
16	2	2	1	5	4	4	4	6	7	7	7	2	2	1	1	2	2	3	2	4	7	7	6	7	3.9	24	10
17	6	6	6	5	5	5	7	9	7	4	3	2	2	1	2	1	3	4	3	2	2	2	2	1	3.7	24	12
18	1	2	1	1	1	1	2	5	4	3	2	2				3	3	4	2	2	1	1	2	3	2.2	21	9
19*	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	1	3	4	7	6	13	14	17	3.9	24	22
20*	15	11	8	7	4	3	2	3	2	3	3	2	2	1	2	1	1	2	5	7	3	2	3	2	3.8	24	17
21	2	2	2	1	1	1	4	5	4	3	3	3	2	2	2	2	1	3	2	3	2	3	3	2	2.4	24	7
22	2	1	2	1	1	2	2	4	2	2	1	1	1	2	2	3	2	2	3	4	4	6	3	2	2.4	24	9
23	2	2	2	1	2	2	3	3	2	2	2	1	1		1	2	2	2	2	3	3	5	2	2	2.0	23	5
24	2	2	2	2	2	2	2	3	2	1	1	1	2	2	2	3	3	3	3	5	8	6	7	4	2.9	24	11
25	2	2	2	2	2	2	4	4	3	1	1	2	2	2	2	2	1	2	3	6	7	4	3	3	2.5	24	12
26*	2	2	2	2	1	1	2	2	2	2	1	2	1	1	1	1	2	2	2	3	2	1	2	1	1.6	24	4
27*	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	2	2	2	2	2	2	2	1	1	1.5	24	5
28	1	1	1	1	1	1	2	3	3	2	2	2	2	1	2	2	3	3	2	2	1	2	1	1	1.7	24	5
29																											
30																											
MEAN	4	3	3	3	3	3	4	5	5	4	3	2	2	2	2	2	2	3	3	4	5	5	5	4	3.3		
NO.	24	24	24	24	24	24	24	24	25	25	24	26	25	24	25	26	26	26	26	26	26	26	26	26		600	
MAX	15	11	8	7	6	6	9	13	13	11	7	4	3	3	3	3	4	4	5	9	12	13	14	17	6.0		22

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-94.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
OCT. 1964

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	4	8	4	4	4	4	6	8	5	4	4	3	3	3	3	3	4	5	6	7	5	6	5	7	4.8	24	11
2	5	4	4	4	4	3	5	7	7	4	3	3	3	3	3	3	2	2	3	5	5	5	7	7	4.2	24	10
3*	6	8	8	7	7	7	6	8	11	8	2	2	2	2	2	1	2	4	8	10	15	12	13	9	6.6	24	22
4*	9	7	8	7	4	3	3	3	3	2	3	3	3	2	1	2	3	2	4	4	4	3	4	4	3.6	24	13
5	3	3	3	3	3	3	4	5	5	4	3	2	2	3	4	2	3	5	4	6	6	7	7	5	3.9	24	11
6	5	6	5	3	3	3	3	4	4	3	2	2	2	2	2	2	3	4	4	7	7	9	8	9	4.2	24	13
7	6	4	4	3	3	3	4	5	6	5	4	2	2	3	3	2	3	3	4	5	4	4	4	3	3.7	24	9
8	4	4	3	3	3	3	4	5	6	4	3	3	3	3	3	4	5	5	5	4	5	4	4	4	4.0	24	10
9	3	3	3	3	3	3	4	3	4	3	3	3	4	4	4	4	4	5	5	5	5	5	6	4	3.8	24	8
10*	4	3	4	3	3	3	4	4	4	4	5	5	4	4	4	4	4	4	5	7	9	6	7	4	4.4	24	15
11*	3	3	3	2	2	2	2	2	3	4	3	3	3	4	4	6	3	3	4	6	9	14	13	13	4.7	24	16
12	8	7	6	5	5	6	9	10	9	8	3	3	3	2	2	3	4	4	5	9	11	11	7	9	6.2	24	15
13	9	8	7	5	5	6	7	13	13	6	5	3			1	1	2	4	8	9	7	6	8	7	6.3	24	24
14	8	9	7	6	6	7	10	15	10	4	4	2	2	2	2	3	3	5	5	5	6	11	12	12	6.5	24	20
15	12	10	7	7	6	6	10	14	13	12	10	3	2	2	1	2	3	4	5	4	4	4	4	4	6.2	24	19
16	3	8	6	5	4	4	6	7	6	5	3	3	3	3	1	2	5	7	13	8	4	3	4	4	4.8	24	17
17*	4	5	5	6	4	3	4	7	7	6	4	2	3	2	2	2	2	6	17	10	14	11	9	8	5.9	24	24
18*	5	7	5	7	6	4	5	6	5	5	5	3	1	1	1	1	1	1	2	3	2	2	2	2	3.3	24	10
19	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1.4	24	8
20	0	1	1	1	0	1	2	3	4	3	1	1	1	1	0	1	1	2	2	2	2	2	1	1	1.4	24	6
21	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	1	2	2	3	2	2	1.4	24	5
22	1	1	2	1	1	1	3	4	4	3	1	1	1	1	1	1	3	4	2	2	2	4	6	7	2.3	24	9
23	4	2	2	1	1	1	2	3	3				1	1	2	2	3	3	4	7	13	9	8	7	3.7	21	16
24*	10	9	8	8	6	6	7	8	9	9	5	2	2	2	1	2	1	3	6	14	12	13	12	12	6.9	24	26
25*	13	10	6	5	3	2	2	4	3	2	3	2	1	2	1	1	1	4	10	17	8	9	8	10	5.4	24	26
26	9	5	5	4	3	5	9	12	14	10	6	3	2	1	1	1	4	8	5	8	10	14	13	9	6.7	24	22
27	6	5	4	4	4	6	6	11	11	8	4	3	1	2	1	2	3	4	3	5	5	7	5	3	4.6	24	15
28	4	3	2	2	1	2	5	9	6	5	4	1	0	1	1	2	2	2	2	1	1	1	1	0	2.4	24	12
29	0	0	0	0	0	0	1	2	2	1	1	1	1	2	1	2	3	3	3	3	2	2	3	2	1.4	24	5
30	2	1	1	1	1	2	3	5	8	6	2	1	1	1	2	3	3	3	3	3	3	3	10	12	3.3	24	15
31*	11	10	7	3	2	5	6	8	2	1	1	1	0	0	0	0	1	2	2	2	5	3	5	7	3.4	24	15
MEAN	5	5	4	4	3	3	5	6	6	5	3	2	2	2	2	2	3	4	5	6	6	6	6	6	4.2		
NO.	31	31	31	31	31	31	31	31	31	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31		734	
MAX.	13	10	8	8	7	7	10	15	14	12	10	5	4	4	4	6	5	8	17	17	15	14	13	13	6.9		26

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

Table 3-95.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CINCINNATI, OHIO

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	14	11	11	10	7	5	6	5	6	3	4	3	2	1	0	0	1	4	4	5	15	13	11	9	6.1	24	20
2	4	4	3	2	2	2	4	11	14	3	2	5	2	1	0	1	3	8	12	12	12	12	9	10	5.8	24	17
3	7	5	3	4	3	4	6	10	8	12	13	5	3	1	1	1	3	10	15	10	9	11	12	9	6.8	24	21
4	11	11	9	8	8	8	7	12	16	15	12	4	2	1	0	1	3	11	14	15	12	10	9	5	8.4	24	22
5	3	2	1	4	5	6	9	8	8	1	1	1				1	2	3	4	5	4	5	4	3	3.8	21	19
6	3	3	2	2	3	3	7	9	10	10	8	5	3	3	2	2	5	8	11	11	15	15	15	8	6.8	24	24
7*	13	13	11	11	9	9	11	15	17	16	17	15	6	4	3	2	5	6	9	12	12	14	14	12	10.4	24	22
8*	11	9	7	7	5	4	4	5	4	5	5	5	3	2	2	2	2	4	11	9	6	8	8	8	5.5	24	15
9	8	6	4	5	5	5	8	12	15	13	11	5	2	2	2				9	6	6	5	5	5	6.5	21	17
10	4	4	5	5	4	4	5	7	8	7	3	3	4	3	3	3	4	6	8	6	5	5	5	4	4.8	24	12
11	4	4	3	3	4	4	5	7	7	4	3	2	2	2	2	2	3	5	4	4	3	3	3	2	3.5	24	9
12	3	3	2	2	2	2	3	4	4	2	2	2	2	1	2	1	2	3	3	2	2	4	3	3	2.3	24	6
13	2	2	2	2	2	3	5	7	6	3	2	2	2	1	1	3	3	5	10	16	15	15	14	13	5.7	24	21
14*	12	12	10	10	9	8	12	11	10	13	6	4	3	2	2	3	3	4	5	6	18	22	15	14	8.7	24	25
15*	13	11	9	10	7	6	6	6	4	4	4	6	2	2	2	3	3	4	5	3	2	4	2	3	5.0	24	18
16	3	3	1	1	1	2	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	3	3	2	2.3	24	7
17	2	3	2	3	4	3	5	7	4	3	2	3	2	2	2	3	3	4	4	3	3	3	2	2	3.0	24	10
18	2	2	2	2	2	2	2	4	4	3	2	3	2	2	2	3	4	6	4	4	7	3	5	2	3.0	24	18
19	1	1	1	1	1	1	2	3	3	2	4	4	4	4	4	4	4	2							2.5	18	7
20																											
21*																											
22*																											
23																											
24		2	2	2	5	3	5	7	9	10	6		4	3	3	3	4	8	11	12	13	12	11	5	6.3	24	16
25	4	4	3	4	3	4	5	6	7	7	7		4	3	3	3	4	4	3	3	3	3	4	3	4.3	18	10
26	4	4	3	2	2	2	2	3	3	3	5	4	5	4	3	3	4	5	5	6	6	6	5	6	3.9	24	10
27	3	7	6	6	3	5	8	6	8	7	7	6	6	7	4	5	5	9	7	7	6	6	4	4	6.3	24	15
28*	4	4	4	3	3	4	4	4	4	4	5	5	5	4	6	4	5	6	6	5	6	5	6	4	4.6	24	10
29*	4	4	4	3	3	3	4	3	4	4	5	5	6	6	6	5	5	4	4	4	3	4	4	4	4.1	18	9
30	3	2	3	2	3	4	5	5	6	5	5	5							3	5	3	3	2	2	3.5	18	8
MEAN	6	5	4	4	4	4	5	7	7	6	5	4	3	3	2	3	4	5	7	7	7	8	7	6	5.2		
NO	25	26	26	26	26	26	26	26	26	26	26	23	23	23	23	23	23	25	25	25	25	25	25	25		598	
MAX	14	13	11	11	9	9	12	15	17	16	17	15	6	7	6	5	8	11	15	16	18	22	15	14	10.4		25

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-96.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CINCINNATI, OHIO

CARBON MONOXIDE
DEC. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	2	2	2	2	3	4	5	6	6	6	4	5	3	1	2	2	2	3	1	2	2	2	1	1	2.8	24	11
2																											
3																											
4		1	1	1	1	1	1	1	2	3	8	7	7	7	7	6	6	6	5	5	6	5	5	4	4.1	24	10
5*	4	4	4	4	4	3	4	4	5	5	5	5	5	5	5	4	5	5	4	4	6	4	6	4	4.4	24	18
6*	3	3	3	3	3	3	3	3	3	4	5	5	5	5	7	4	4	4	4	4	4	3	4	4	3.8	24	10
7	3	3	3	3	3	3	3	4	4	5	4	4	5	5	5	4	4	5	5	4	4	4	3	3	3.9	24	7
8	3	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4.1	24	8
9	3	3	3	3	3	3	4	5	5	5	5	5	5	5	5	6	5	5	5	6	5	5	5	4	4.6	24	8
10	4	4	4	3	3	4	4	7	8	8	8	7	6	7	7	8	9	9	8	6	6	6	5	4	6.0	24	13
11	4	4	4	4	4	4	5	7	7	5	7	7	6	5	5	5	5	5	5	5	5	5	5	5	5.1	24	11
12*	4	4	5	3	4	4	4	4	4	4	4	4	4	3	3	3	4	6	7	8	7	8	6	5	4.8	24	13
13*	4	5	5	4	3	3	3	3	4	3	4	3	3	3	3	3	3	4	4	3	3	3	3	4	3.5	24	7
14	3	2	2	3	2	3	3	4	4	4	4	4	4	4	5	5	5	4	4	3	3	3	3	3	3.4	24	6
15	2	2	2	2	2	3	3	4	4	4	5	5	5	5	5	5	6	6	4	4	5	5	4	12	4.4	24	49
16	3	3	3	3	3	3	4	5	5	5	5	5	5	5	5	6	5	6	6	5	5	5	4	4	4.5	24	7
17	4	4	4	4	4	4	4	5	6	5	6	6	5	5	5	5	5	5	4	4	3	5	3	3	4.4	24	9
18	2	2	2	2	2	2	3	5	3	4	3	4	4	4	4	4	4	5	4	4	4	5	6	5	3.5	24	8
19*	3	3	3	3	2	2	2	2	3	3	4	4	4	4	4	5	5	4	4	4	4	4	3	3	3.4	24	9
20*	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	5	7	8	7	11	10	8	4.8	24	13
21	9	9	8	7	7	7	9	9	10	10	9	9	6	5	5	6	6	8	7	5	3	4	4	3	6.8	24	14
22	3	3	3	3	3	3	3	4	4	5	5	5	6	5	4	4	6	6	4	4	4	5	4	4	4.2	24	8
23	3	3	3	3	3	4	5	5	6	5	4	4	3	3	3	3	4	5	6	6	4	4	3	3	4.0	24	8
24	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	4	4	3	4	4	3.5	24	8
25	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	4	5	4	3.7	24	7
26*	5	6	6	5	4	5	3	3	3	3	3	4			4	6	5	4	3	3	3	3	3	3	3.9	24	15
27*	2	2	2	2	2	2	2	2	3	3	3	3	3	5	3	4	4	3	3	3	3	3	3	3	2.8	24	8
28	3	2	2	2	2	2	2	3		3	3	4	4	4	5	4	5	5	3	3	3	3	3	2	3.1	23	7
29	2	2	2	2	2	2	3	5	4	4	5	5	3	3	3	3	4	6	4	4	3	3	2	2	3.2	24	7
30	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2.3	24	5
31	2	2	2	2	2	2	3	5	6	5	3	3	4	5	4	4	6	4	4	3	3	3	3	2	3.4	24	12
MEAN	3	3	3	3	3	3	4	4	4	4	5	5	4	4	4	4	5	5	5	4	4	4	4	4	4.0		
NO.	28	29	29	29	29	29	29	29	28	29	29	29	28	28	29	29	29	29	29	29	29	29	29	29		692	
MAX.	9	9	8	7	7	7	9	9	10	10	9	9	7	7	7	8	9	9	8	8	7	11	10	12	6.8		49

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 21 1968

Table 3-97.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.03	.03	.02	.02	.03	.02	.01	.02	.02	.02	.01	.02	.02		.02	.02	.02	.03	.02	.02	.01	.01	.01	.020	23	.04
2	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.02	.02	.02		.03	.05	.04	.04	.05	.02	.01	.01	.00	.021	23	.06
3	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.01		.01		.01	.01	.03	.02	.01	.01	.01	.01	.01	.009	22	.04
4*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.02						.010	10	.02
5*																											
6	.02	.01	.01	.01	.00	.01	.01	.02	.03	.04			.03	.03		.04	.08	.10	.08	.07	.04	.03	.03	.02	.033	21	.11
7	.02	.01	.01	.01	.01	.01	.02	.03	.04	.04	.03	.03	.02	.03		.02	.05	.04	.03	.02	.02	.02	.03	.02	.024	23	.06
8	.01	.01	.01	.01	.01	.01	.01	.02				.03	.03	.03		.02	.04	.06	.04	.04	.05	.06	.05	.04	.029	20	.08
9	.04	.02	.02	.01	.01	.01	.01	.02	.04	.03	.03	.02	.02	.02		.02	.03	.02	.02	.01	.01	.01	.00	.00	.017	23	.07
10	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02	.03	.03	.03		.02	.03	.03	.04	.06	.10	.15	.19	.16	.041	23	.21
11*	.16	.16	.09	.07	.11	.17	.11	.06	.10	.07	.07	.03	.02	.02		.02	.02	.02	.03	.03	.04	.02	.02	.02	.063	23	.20
12*	.01	.01	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.02			.02	.02	.02	.01	.01	.01	.01	.01	.010	22	.02
13																											
14											.05	.05	.04		.02	.04	.05	.04	.03	.03	.03	.01	.02	.01	.033	13	.07
15																											
16																											
17	.01	.01	.01	.01	.02	.01	.03	.05	.06	.05		.06	.04	.02	.02		.01	.04	.04	.02	.04	.04	.05	.03	.030	24	.07
18*	.02	.02	.01	.01	.01	.02	.03	.03	.05	.05	.05	.03	.02	.02		.01	.01	.01	.03	.02	.07	.06	.09	.05	.031	23	.14
19*	.04	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	23	.05
20	.00	.01	.01	.01	.01	.01	.01	.00	.01			.02	.01	.01			.01	.01	.02	.02	.02	.03	.03	.02	.013	20	.04
21	.03	.02	.03	.01	.01	.01	.01	.02	.03	.03	.03	.02	.02		.01	.01	.02	.03	.06	.06	.05	.04	.04	.03	.026	23	.08
22	.01	.01	.03	.06	.06	.08	.12	.09	.08	.07	.05	.04	.03	.02		.01	.02	.02	.02	.02					.044	19	.13
23																											
24	.15	.13	.06	.08	.07	.05	.06	.09									.02	.03	.02	.01	.02	.01	.02	.02	.054	10	.18
25*	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01		.00	.00	.00	.00	.00	.01	.01	.01	.01	.007	23	.02
26*	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01		.01	.01	.01	.02	.02	.01	.01	.01	.01	.006	23	.02
27	.01	.01	.01	.02	.03	.04	.08	.11	.15	.09	.05	.05	.04	.03		.02	.02	.03	.02	.02	.01	.01	.01	.01	.037	23	.17
28	.01	.01	.01	.01	.01	.01	.02	.03	.05	.05	.05	.03	.02	.02		.02	.02	.02	.02	.04	.03	.04	.05	.12	.030	23	.14
29	.03	.04	.06	.04	.05	.05	.10	.08	.07			.02	.02	.02		.01	.02	.03	.03	.02	.02	.02	.03	.03	.037	21	.12
30	.03	.02	.02	.01	.02	.02	.04	.07	.10					.04		.01	.02	.03	.04	.05	.18	.25	.23	.19	.071	19	.29
31	.15	.08	.10	.08	.03	.04	.05	.08	.15	.10		.07	.05	.05		.02	.02	.03	.03	.03	.04	.02	.02	.02	.057	24	.19
MEAN	.03	.03	.02	.02	.02	.02	.03	.04	.05	.04	.03	.03	.02	.02		.02	.02	.03	.03	.03	.04	.04	.04	.03	.029		
NO	25	25	25	25	25	25	25	25	23	20	18	23	23	23	3	22	26	26	28	25	24	24	24	24		554	
MAX	.16	.16	.10	.08	.11	.17	.12	.11	.15	.10	.07	.07	.05	.05	.02	.04	.08	.10	.08	.07	.18	.25	.23	.19	.071		.29

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-98.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

NITRIC OXIDE
FEB. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01		.01	.02	.01	.02	.02	.02	.01	.02	.03	.015	24	.03
2*	.02	.03	.03	.03	.03	.03	.04	.04	.04	.04	.03	.01	.01	.01			.01	.01	.01	.02	.02	.03	.02	.01	.024	22	.05
3	.01	.01	.01	.01	.01	.01	.02	.04	.07	.04	.03	.02	.02	.03		.02	.03	.03	.03	.03	.05	.13	.11	.09	.037	23	.16
4	.06	.06	.14	.14	.13	.14	.15	.20	.22	.26	.22	.12	.05	.02			.02	.03	.06	.11	.19	.22	.20	.18	.132	24	.35
5	.17	.12	.12	.12	.11	.10	.13	.20	.25	.21	.23	.13	.04	.03		.02	.03	.03	.03	.02	.02	.01	.02	.01	.093	24	.27
6	.01	.01	.01	.01	.01	.01	.02	.03	.07	.05	.03	.02						.03	.03	.03	.03	.03	.02	.02	.025	19	.10
7	.01	.01	.00	.01	.01		.01	.01	.02	.03	.03	.02	.02	.01							.01	.01	.01	.01	.013	17	.03
8*	.01	.00	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.02	.04	.04	.02	.01	.01	.011	23	.05
9*	.01	.02	.01	.01	.01	.01	.02	.01	.01	.01	.02	.02	.02	.03			.04	.05	.04	.04	.03	.02	.02	.03	.021	22	.06
10	.02	.02	.02	.01	.01	.00	.01	.03	.04	.03	.03					.01	.02	.02	.02	.02	.01	.01	.01	.01	.017	20	.04
11	.01	.00	.01	.01	.00	.01	.03	.04	.05	.06	.04	.03	.02	.01			.01	.02	.03	.05	.06	.11	.06	.03	.032	20	.14
12	.03	.04	.04	.04	.03	.03	.05	.07	.09	.08									.01	.01	.02	.01	.02	.02	.033	18	.10
13																											
14																											
15*	.04	.05	.12	.23	.17	.14	.05	.04		.03									.02	.02	.02	.02	.02	.01	.066	19	.24
16*	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.01	.00	.01	.00			.01	.01	.01	.01	.02	.02	.02	.03	.008	24	.03
17	.03	.02	.02	.02	.04	.03	.08	.09	.09	.09	.07	.04	.02	.02		.02	.02	.02	.02	.02	.04	.14	.16	.20	.055	23	.21
18	.18	.16	.19	.15	.12	.11	.03	.06	.10	.09	.13	.18	.15	.09						.03	.06	.05	.04	.04	.103	19	.20
19	.01	.01	.00	.01	.01	.01	.02	.03	.05	.04								.02	.02	.01	.01	.01	.01	.01	.016	17	.05
20	.01	.00	.00	.00	.00	.00	.01	.01	.02	.02	.01	.01	.01					.02	.02	.02	.02	.01	.01	.02	.011	20	.02
21	.01	.01	.01	.01	.01	.01	.01	.01	.03	.03	.03	.02	.02	.02		.01	.02	.02	.02	.01	.01	.01	.02	.02	.016	24	.03
22*	.01	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.03	.012	24	.04
23*	.05	.06	.05	.04	.03	.02	.02	.02	.01	.02	.02	.01	.01	.01			.00	.00	.00	.00	.00	.00	.00	.00	.016	24	.07
24	.00	.00	.00	.00	.00	.00	.00	.01	.04	.04							.00	.00	.01	.01	.06	.08	.12	.13	.027	18	.14
25	.09	.06	.02	.01	.01	.01	.02	.04	.05	.05	.07	.04	.02	.02		.01	.01	.03	.03	.03	.03	.03	.02	.02	.031	24	.11
26	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.02	.02		.01	.02	.02	.02	.02	.03	.03	.03	.02	.018	24	.03
27	.01	.01	.01	.01	.01	.03	.05	.05	.08	.06								.02	.02	.02	.04	.10		.13	.040	16	.21
28	.21	.19	.17	.14	.15	.14	.14	.14	.15	.15			.04	.03	.02	.02	.02	.02	.01	.01	.01	.01		.01	.085	21	.21
29*	.01	.02	.02	.03	.02	.01	.03	.05	.05	.05	.03	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.01		.01	.022	24	.06
MEAN	.04	.04	.04	.04	.04	.03	.03	.05	.06	.06	.05	.04	.03	.02		.02	.02	.02	.02	.02	.03	.04	.04	.04	.036		
NO	27	27	27	27	27	26	27	27	26	27	21	20	20	19	2	12	19	23	25	26	27	27	24	27		560	
MAX	.21	.19	.19	.23	.17	.14	.15	.20	.25	.26	.23	.18	.15	.09	.02	.02	.04	.05	.06	.11	.19	.22	.20	.20	.132		.35

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-99.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.01	.01	.02	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.00	.01	.00	.00	.00	.00	.01	.01			.009	24	.02
2	.01	.01	.00	.00	.00	.00	.01	.01	.04	.07			.01	.01		.01	.02	.02	.02	.02	.01	.01	.01	.01	.014	21	.07
3	.00	.01	.01	.01	.01	.03	.02			.08	.03	.02	.01	.01			.04	.04	.03	.02	.02	.02	.02	.02	.022	20	.12
4	.02	.01	.01	.02	.01	.02	.05	.07	.05	.04	.02			.02		.02	.05	.05	.02	.02	.03	.04	.05	.02	.030	21	.10
5	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01		.01	.02	.02	.02	.02	.03	.04	.04	.06	.017	23	.07
6	.05	.04	.04	.03	.03	.03	.07	.14	.14	.11	.05					.02	.02	.02	.01	.02	.02	.02	.02	.02	.043	20	.14
7*	.02	.02	.01	.01	.01	.01	.01	.02	.03	.02	.01	.01	.01	.01		.01	.01	.02	.02	.04	.05		.01	.02	.016	22	.06
8*	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.02	.03	.02			.02	.03	.03	.01	.01	.01	.01	.01	.013	22	.05
9	.01	.00	.01	.00	.00	.01	.02	.03	.06	.03				.01		.02	.03	.06	.04	.03	.02	.01	.01	.00	.021	20	.07
10	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.01	.01		.01	.02	.01	.01	.01	.02	.01	.01	.01	.007	23	.02
11	.00	.01	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.01	.01		.01	.01	.02	.03	.01	.01	.01	.01	.01	.009	23	.04
12	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.007	23	.02
13	.02	.01	.01	.01	.01	.00	.01	.02	.03	.02	.01	.01	.01	.01		.01	.02	.02	.02	.02	.04	.02	.01	.01	.014	23	.05
14*	.00	.01	.00	.00	.00	.00	.00	.01	.01	.01	.02	.03	.03	.03		.01	.02	.01	.01	.01	.01	.01	.01	.01	.011	23	.04
15*	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01			.01	.01	.01	.02	.05	.07	.10	.15	.024	22	.20
16	.07	.09	.05	.03	.02	.02	.03	.05	.07	.02				.01		.01	.01	.01	.01	.01	.00	.00	.01	.00	.025	20	.12
17	.00	.00	.00	.00	.00	.00	.01	.04	.03	.02	.01	.01	.00	.00		.01	.01	.01	.01	.00	.01	.01	.01	.00	.007	23	.04
18	.00	.00	.00	.00	.00	.00	.01	.02	.03	.03	.03	.02	.03	.02			.02	.01	.01	.01	.02	.03	.12	.17	.026	22	.20
19	.06	.02	.01	.01	.01	.00	.01	.03	.04	.02	.01	.01	.01	.01		.01	.01	.02	.01	.01	.01	.01	.01	.01	.015	23	.10
20	.00	.00	.00	.00	.00	.00	.01	.02	.03		.04	.04	.04	.03		.02	.03	.04	.03	.03	.04	.02			.020	20	.05
21*																											
22*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01		.01	.01			.01	.01	.01	.00	.02	.01	.02	.08	.010	21	.12
23	.12	.08	.19	.17	.13	.02	.01	.04	.05	.04							.00	.01	.00	.01	.03	.05	.04	.03	.057	18	.20
24	.01	.01	.01	.01	.02	.02	.02	.05	.03	.01	.00					.00	.00	.00	.00	.02	.00	.02	.02	.00	.013	20	.06
25	.02	.02	.02	.01	.01	.01	.01	.04	.04	.03	.02	.02	.01	.01			.02	.02	.01	.01	.02	.01	.01	.02	.017	24	.05
26	.01	.00	.01	.01	.00	.00	.00	.01	.01	.01	.01	.00	.00	.01		.01	.01	.01	.01	.01	.01	.00	.01	.00	.006	23	.02
27	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01									.03	.03	.03	.03	.02	.011	16	.03
28*	.02	.01	.01	.01	.01	.02	.02	.02	.03	.04	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.014	23	.05
29*	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.03
30	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.02	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.010	23	.04
31	.02	.02	.02	.02	.01	.02	.03	.03				.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.014	20	.04
MEAN	.02	.01	.02	.01	.01	.01	.01	.02	.03	.03	.01	.01	.01	.01		.01	.02	.02	.01	.01	.02	.02	.02	.03	.017		
NO	31	30	30	30	30	30	30	29	28	28	25	21	23	26	1	22	29	29	29	30	30	29	28	28		649	
MAX	.12	.09	.19	.17	.13	.03	.07	.12	.14	.11	.05	.04	.04	.03	.00	.02	.05	.06	.04	.04	.05	.07	.12	.17	.057		.20

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-100.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01	.00	.00	.00	.00	.01	.01	.02	.02	.01	.01	.01	.00	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.009	23	.04
2	.01	.01	.01	.01	.01	.01	.03	.06	.06	.04	.02	.02	.02	.01		.03	.04	.02	.04	.04	.05	.04	.03	.00	.026	23	.08
3	.00	.00	.00	.00	.00	.01	.01	.01	.01	.03	.03	.02	.02	.02		.02	.01	.02	.01	.01	.02	.01	.02	.01	.012	23	.05
4*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00							.00	.00	.00	.01	.00	.00	.01	.00	.002	10	.02
5*	.00	.00	.01	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.01			.01	.01	.01	.01	.06	.09	.10	.04	.019	24	.13
6	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02				.01		.01	.01	.01	.01	.02	.03	.02	.01	.03	.015	20	.04
7																											
8											.01	.02	.01	.01		.01	.01	.02	.01	.01	.01	.01	.01	.01	.011	15	.03
9	.01	.01	.01	.00	.00	.01	.02	.04	.03		.01	.01	.01	.01			.01	.01	.01	.01	.03	.03	.04	.03	.015	21	.04
10	.04	.02	.02	.03	.02	.03	.06	.11	.10	.04	.02	.01	.01	.00					.01	.02	.10	.17	.14	.20	.057	20	.28
11*	.31	.30	.29	.22	.15	.16	.17	.18	.10	.07	.02	.01	.01	.01		.01	.01	.00	.01	.01	.02	.02	.02	.01	.093	23	.33
12*	.02	.01	.01	.01	.00	.01	.00	.00	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.008	23	.03
13	.00	.00	.00	.00	.00	.00		.01	.02	.02	.01					.03	.02	.04	.05	.03	.02	.02	.04	.07	.019	20	.09
14	.18	.14	.12	.10	.07	.06	.07	.08	.10	.03	.01					.00	.01	.01	.00	.01	.01	.02	.01	.02	.046	20	.15
15	.01	.04	.03	.06	.05	.04	.06	.04	.04	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.03	.024	23	.08
16	.02	.02	.02	.03	.01	.01	.01	.03	.03	.03	.02	.02	.01	.01		.00	.01	.00	.00	.01	.01	.05	.04	.02	.017	23	.06
17	.01	.01	.00	.00	.00	.00	.03	.05	.03	.01	.01	.01	.00	.00		.00	.00	.00	.00	.01	.01	.01	.01	.00	.008	23	.06
18*	.00	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.03	.01	.02	.02	.010	23	.04
19*	.02	.01	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.03	.02		.01	.01	.02	.01	.02	.02	.01	.01	.02	.016	23	.03
20	.01	.02	.02	.01	.03	.04	.01	.04	.06				.01	.01		.02	.04	.05	.02	.06	.17	.25	.28	.27	.069	20	.30
21	.19	.13	.07	.04	.02	.02	.03	.05	.04	.01	.01	.01	.00	.02		.02	.02	.02	.01	.02	.02	.01	.01	.01	.033	23	.27
22	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.03
23	.01	.01	.01	.01	.01	.01	.01	.04	.04			.01	.01	.01		.01	.02	.01	.01	.00	.01	.01	.00	.00	.011	21	.05
24	.01	.00	.00	.00	.00	.00	.00	.01	.02	.01	.00	.00	.00	.01		.01	.01	.00	.00	.00	.00	.01	.01	.01	.004	23	.02
25*	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01		.00	.01	.00	.00	.01	.01	.01	.01	.01	.009	23	.02
26*	.01	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.00	.008	23	.01
27	.00	.01	.00	.00	.00	.00	.00	.01	.02	.02			.03	.03		.01	.02	.02	.02	.01	.02	.04	.07	.03	.017	21	.10
28	.01	.01	.00	.01	.01	.00	.01	.02	.02	.02	.02	.02	.01	.02		.01	.02	.04	.01	.01	.01	.01	.01	.01	.012	23	.05
29	.01	.01	.01	.00	.00	.01	.01	.02	.02	.02	.02	.02	.02	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.012	23	.02
30	.01	.01	.01	.01	.00	.00	.00	.02			.02	.02	.01	.02		.01	.01	.02	.02	.01	.01	.01	.02	.05	.013	21	.06
MEAN	.03	.03	.03	.02	.02	.02	.02	.03	.03	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.03	.03	.03	.021		
NO	29	28	28	28	28	28	28	26	27	24	24	23	25	26		25	28	28	29	29	29	29	29	29		628	
MAX	.31	.30	.29	.22	.15	.16	.17	.18	.10	.07	.03	.02	.03	.03		.03	.04	.05	.05	.06	.17	.25	.28	.27	.093		.33

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

Table 3-101.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.04	.04	.12	.09	.09	.10	.13	.10	.07	.03	.02	.01	.00	.00		.00	.00	.00	.00	.00	.01	.01	.01	.01	.039	23	.18
2*	.00	.00	.01	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.01	.01	.002	23	.01
3*	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.05	.02	.004	24	.07
4	.01	.02	.08	.06	.04	.04	.05	.06	.04	.04	.01			.01		.01	.00	.00	.00	.00	.01	.02	.10	.12	.034	21	.13
5	.12	.10	.06	.05	.05	.06	.08	.10	.14	.07	.02	.01	.00	.00		.01	.00	.00	.00	.00	.00	.00	.00	.04	.039	23	.15
6	.06	.05	.04	.03	.04	.04	.03	.03	.04	.02	.00	.00	.00	.01		.00									.027	19	.08
7																											
8									.02	.01	.01	.01	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.004	14	.03
9*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
10*	.00	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.03	.06	.09	.009	23	.09
11	.08	.08	.10	.11	.11	.09	.05	.03	.03	.02	.01	.01	.01	.00				.01	.00	.00	.00	.00	.00	.00	.035	21	.12
12	.00	.00	.00	.00	.01	.00	.01	.02	.02	.01	.01	.01	.00	.00		.00	.00	.00	.00	.00	.01	.00	.01	.01	.005	23	.03
13	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.02	.02				.00	.01	.01	.01	.01	.01	.01	.01	.01	.008	21	.03
14	.01	.00	.00	.00	.00	.00	.01	.01	.03	.02	.02	.01	.01	.01		.01	.01	.01	.01	.01	.02	.04	.15	.14	.023	23	.18
15	.09	.06	.06	.10	.09	.08	.09	.15	.18	.06	.01	.01	.01	.01			.01	.01	.01	.01	.03	.07	.04	.04	.055	22	.21
16*	.05	.07	.06	.07	.09	.08	.09	.07	.04	.01	.01	.00	.00	.01		.00	.01	.01	.01	.01	.01	.02	.02	.01	.032	23	.13
17*	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.03	.10	.08	.018	23	.13
18	.11	.10	.09	.09	.07	.07	.11	.11	.14	.04	.01	.01	.01	.01		.00	.01	.01	.00	.00	.01	.02	.02	.01	.044	23	.17
19	.02	.03	.01	.01	.01	.00	.01	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	23	.04
20	.01	.00	.00	.00	.00	.00	.01	.01	.02	.01	.01		.01	.01		.00	.01	.01	.00	.00	.00	.01	.01	.00	.005	22	.02
21	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.01		.03	.01		.00	.00	.01	.00	.00	.01	.05	.10	.12	.017	24	.14
22	.10	.10	.09	.11	.10	.09	.09	.12	.08	.03	.01	.00	.00	.01		.00	.00	.00	.00	.00	.01	.02	.03	.05	.044	23	.14
23*	.08	.05	.03	.03	.03	.02	.03	.04	.02	.01	.00	.00	.00	.01		.01	.01	.01	.01	.00	.01	.01	.01	.01	.018	23	.10
24*	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.01	.01	.01	.003	23	.01
25	.01	.00	.01	.01	.01	.03	.07	.12	.07	.01	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.02	.02	.017	23	.14
26	.03	.02	.02		.02	.02	.04	.01	.02	.02	.01	.00		.00	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.010	24	.05
27	.01	.00	.00	.00	.00	.00	.01	.01	.01				.00	.00		.00	.01	.01	.00	.01	.01	.02	.01	.01	.006	20	.02
28	.01	.01	.02	.01	.00	.00	.00	.01	.03				.01	.01		.04	.05	.06	.04	.02	.03	.05	.06	.07	.026	20	.08
29	.07	.10	.10	.06	.04	.04	.05	.06	.05	.03	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.031	23	.11
30*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.00	.00	.01	.00	.01	.01	.01	.01	.01	.008	23	.01
31*	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02	.02		.00	.00	.00	.01	.01	.01	.01	.01	.01	.008	23	.02
MEAN	.03	.03	.03	.03	.03	.03	.03	.04	.04	.02	.01	.01	.01	.00		.00	.00	.01	.00	.00	.01	.02	.03	.03	.019		
NO	29	29	29	28	29	29	29	29	30	28	28	25	27	29	2	27	28	29	29	29	29	29	29	29		658	
MAX	.12	.10	.12	.11	.11	.10	.13	.15	.18	.07	.02	.02	.03	.02	.01	.04	.05	.06	.04	.02	.03	.07	.15	.14	.055		.21

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-102.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

NITRIC OXIDE
JUNE 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01	.01	.01	.01	.01	.01	.01	.03	.04	.03	.02	.02	.01	.01		.01	.01	.01	.00	.01	.01	.01	.01	.01	.013	23	.04
2	.01	.01	.05	.05	.03	.02	.05	.05		.02	.01	.02	.01	.01		.00	.00	.00	.01	.00	.00	.00	.01	.01	.016	22	.07
3	.01	.00	.01	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00		.00	.01	.00	.00	.01	.01	.01	.01	.01	.004	23	.02
4	.01	.01	.01	.02	.02	.02	.03	.04	.05	.03	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.03	.05	.018	23	.07
5	.09	.07	.07	.05	.04	.05	.05	.09		.02	.02	.01	.01	.00		.00	.00	.00	.00	.00	.00	.01	.01	.00	.026	24	.11
6*	.00	.00	.00	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.01	.01	.01	.004	23	.01
7*	.01	.01	.01	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.01	.01	.01	.004	23	.01
8	.00	.01	.00	.00	.01	.01	.01	.01	.02	.01	.01	.00	.01	.00		.00	.00	.00	.00	.00	.00	.01	.01	.01	.005	23	.02
9	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01		.01	.01	.01	.01	.02		.01	.01	.01	.011	22	.04
10	.00	.00	.00	.01	.01	.01	.01	.01	.01							.01	.01	.01	.01	.00	.01	.01	.01	.01	.008	18	.01
11	.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01			.01	.00	.00	.00	.01	.01	.01	.01	.008	24	.01
12	.01	.01	.00	.00	.01	.00	.00	.00					.00	.01	.00		.00	.01	.00			.01	.01	.01	.005	17	.02
13*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.02
14*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00			.01	.01	.01	.01	.01	.01	.01	.009	24	.01
15	.01	.01	.01	.01	.01	.00	.00	.00	.01	.03	.02	.01	.00	.00		.01	.01	.01	.01	.01	.01	.01	.01	.01	.009	23	.03
16																											
17																											
18																											
19																											
20*	.03	.03	.04	.01	.01	.01	.01	.01	.02	.02	.01	.02	.01	.00		.00	.00	.01	.00	.01	.01	.02	.02	.05	.013	23	.08
21*	.09	.08	.06	.02	.01	.01	.02	.02	.01	.01	.00	.01	.00	.00		.00	.01	.00	.00	.00	.01	.01	.01	.01	.017	23	.09
22	.01	.01	.01	.01	.01	.02	.03	.03	.03	.05	.04	.03	.02	.02		.01	.01	.01	.01	.01	.01	.01	.01	.01	.018	23	.06
23	.01	.01	.01	.01	.01	.01	.02	.03	.04	.03	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.013	23	.03
24	.03	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.01	.01	.011	23	.04
25	.02	.03	.03	.06	.03	.06	.08	.09	.04	.02	.01	.01	.01	.01		.01	.01	.01	.01	.00	.01	.03	.10	.13	.033	23	.13
26	.14	.16	.16	.16	.17	.16	.15	.17	.13	.03	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.04	.06	.06	.073	23	.18
27*	.09	.07	.09	.18	.11	.11	.15	.16	.14	.03	.01	.01	.01	.01		.01	.01	.01	.01	.01	.04	.06	.09	.02	.061	23	.21
28*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.07	.10	.16	.023	23	.19
29	.19	.20	.16	.17	.13	.11	.13	.19	.08	.03	.01	.02	.01	.01		.01	.00	.01	.01	.00	.01	.01	.07	.11	.071	23	.22
30	.08	.07	.06	.05	.05	.01	.02	.04	.04	.03	.03	.02	.01	.01		.01	.01	.03	.03	.02	.03	.03	.04	.04	.032	23	.09
MEAN	.03	.03	.03	.03	.03	.03	.03	.04	.03	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.03	.03	.020		
NO	26	26	26	26	26	26	26	26	23	24	24	24	25	25	3	22	25	26	26	25	24	26	26	26		584	
MAX	.19	.20	.16	.18	.17	.16	.15	.19	.13	.05	.04	.03	.02	.02	.01	.01	.01	.03	.03	.02	.04	.07	.10	.16	.073		.22

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 21, 1968

Table 3-103.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1	.03	.02	.01	.01	.01	.01	.03	.03	.04	.03			.01	.01		.01									.019	13	.05
2										.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.01	.01	.011	14	.03
3	.01	.01	.01	.01	.01	.01	.01	.03	.01	.03	.02	.00	.00	.00			.00	.01	.01	.01	.01	.01	.01	.01	.010	22	.04
4*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.00	.01	.01	.01	.01	.01	.02	.05	.06	.013	22	.13
5*	.12	.08	.06	.06	.08	.09	.08	.06	.04	.02	.01	.00	.00	.00		.00	.00	.00	.00	.01	.01	.01	.03	.05	.035	23	.14
6	.07	.09	.10	.12	.12	.11	.15	.15	.05	.02	.01	.01	.01	.01			.01	.03	.03	.01	.01	.02	.01	.01	.051	24	.17
7	.01	.01	.01	.03	.04	.02	.02	.03	.05	.04	.03	.02	.02	.03		.03	.01	.02	.02	.01	.01	.00	.02	.01	.021	23	.07
8	.01	.01	.01	.00	.01	.00	.00	.03	.01	.00			.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.01	.009	21	.04
9	.01	.02	.01	.01	.01	.01	.02	.04	.03	.03	.02	.01	.02	.02		.01	.01	.03	.01	.03	.07	.08	.11	.09	.029	23	.13
10	.08	.07	.04	.06	.05	.06	.08	.08	.03	.01	.01	.01	.01	.01		.01	.02	.01	.01	.01	.02	.04	.10	.19	.043	23	.20
11*	.20	.19	.17	.16	.17	.15	.16	.15	.06	.02	.01	.01	.00	.01		.00	.00	.00	.00	.00	.00	.04	.11	.12	.075	23	.22
12*	.17	.14	.04	.03	.01	.01	.01	.01	.01	.01	.00	.01	.01	.01			.01	.01	.01	.01	.01	.02	.04	.03	.027	22	.19
13	.02	.01	.01	.01	.01	.01	.02	.03	.04	.02	.01	.01	.01	.01		.01	.01	.01	.00	.00	.01	.01	.02	.02	.012	23	.04
14	.01	.00	.00	.00	.00	.00	.00	.01	.01					.01		.01	.01	.01	.01	.01	.01	.02	.01	.01	.007	19	.02
15	.02	.01	.01	.01	.01	.02	.03	.06	.06	.04	.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.03	.03	.020	23	.08
16	.02	.03	.02	.01	.02	.04	.11	.09	.05	.03	.01	.01	.01	.01		.01	.01	.00	.00	.01	.02	.06	.11	.17	.036	23	.20
17	.16	.13	.12	.10	.11	.12	.12	.10	.05	.03	.01	.01	.01	.00		.01	.01	.01	.01	.02	.02	.03	.02	.03	.053	23	.17
18*	.05	.03	.02	.03	.04	.04	.04	.04	.01	.01	.01	.01	.01	.00		.01	.01	.01	.01	.02	.04	.04	.08	.08	.027	23	.10
19*	.09	.08	.09	.07	.06	.07	.09	.04	.02	.01	.01	.01	.01	.01		.00	.00	.00	.01	.01	.01	.01	.01	.01	.031	23	.11
20	.01	.01	.01	.02	.02	.05	.07	.11	.10	.03	.01	.00	.00	.00		.00	.00	.00	.00	.00	.02	.04	.03	.02	.024	23	.13
21	.00	.01	.00	.01	.02	.04	.05	.03	.02	.01	.02			.00		.01	.02	.02	.01	.01	.01	.01	.01	.01	.015	21	.06
22	.04	.05	.09	.07	.06	.08	.10	.15	.05	.03	.01	.01	.00	.00		.00	.00	.00	.00	.01	.02	.04	.09	.10	.043	23	.17
23	.07	.05	.06	.07	.07	.08	.10	.04	.02	.03	.02	.01	.00	.00		.01	.01	.01	.00	.00	.01	.01	.01	.02	.030	23	.11
24	.08	.03	.03	.01	.01	.01	.06	.12	.04	.03	.02					.01	.01	.01	.01	.01	.01	.01	.04	.12	.032	20	.16
25*																											
26*																											
27																											
28	.02	.03	.03	.03	.04	.03	.03	.03	.02	.01	.01	.02	.01	.01		.01	.01	.01	.03	.01	.01	.01	.01	.01	.020	24	.04
29	.01	.00	.00	.00	.00	.01	.01	.02	.03	.02			.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.04	.011	21	.04
30	.05	.05	.04	.03	.03	.03	.04	.05	.05	.02	.01	.01	.01	.01		.01	.01	.01	.01	.00	.01	.01	.01	.01	.021	23	.06
31	.01	.01	.00	.01	.01	.01	.01	.02	.02	.01	.02	.01	.01	.01		.01	.00	.01	.00	.00	.01	.01	.01	.01	.009	23	.03
MEAN	.05	.04	.04	.04	.04	.04	.05	.06	.03	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.04	.05	.027		
NO.	27	27	27	27	27	27	27	27	27	27	24	22	25	27		25	27	27	27	27	27	27	27	27		604	
MAX.	.20	.19	.17	.16	.17	.15	.16	.15	.10	.04	.03	.02	.02	.03		.03	.02	.03	.03	.03	.07	.08	.11	.19	.075		.22

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-104.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
AUG. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS.	5-MIN MAX
1*	.01	.01	.01	.01	.01	.01	.01	.02	.02	.03	.02	.02	.02	.01		.01	.01	.00	.01	.01	.02	.02	.01	.01	.012	23	.03
2*	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.00	.00	.00	.00	.00	.01	.01	.01	.01	.008	23	.02
3	.01	.01	.01	.01	.02	.01	.03	.04	.05	.04	.03	.02	.01	.01		.03	.02	.01	.01	.01	.01	.01	.01	.01	.018	23	.06
4	.01	.01	.01	.01	.01	.02	.02	.03	.04	.04	.01	.02	.01	.01		.00	.01	.01	.02	.02	.03	.03	.06	.04	.020	23	.06
5	.02	.01	.01	.01	.02	.02	.05	.06	.08	.08	.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.021	23	.11
6	.01	.01	.01	.01	.01	.01	.02	.02	.03					.01		.01	.01	.00	.00	.00	.01	.01	.01	.01	.010	19	.04
7	.01	.01	.05	.07	.05	.05	.05	.08	.09	.08			.01	.00		.00	.00	.01	.00	.00	.01	.01	.01	.01	.029	21	.10
8*	.01	.00	.00	.00	.00	.01	.01	.01	.01			.01	.00	.00		.01	.01	.01	.01	.01	.02	.02	.02	.02	.008	21	.03
9*	.02	.01	.01	.02	.02	.03	.03	.03	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.013	23	.03
10	.01	.01	.01	.01	.01	.01	.02	.03	.05	.06	.04	.01	.01	.01		.01	.01	.01	.01	.01	.03	.06	.05	.02	.021	23	.12
11	.03	.02	.03	.01	.01	.01	.02	.03	.02	.02			.00	.01		.00	.00	.00	.00	.01	.00	.01	.01	.01	.011	21	.04
12	.01	.01	.01	.01	.01	.01	.02	.02	.03	.03	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.03	.017	23	.05
13	.02	.02	.02	.01	.02	.03	.04	.08	.07	.03	.02	.02	.02	.01		.01	.01	.02	.01	.01	.03	.05	.06	.03	.027	23	.11
14	.03	.03	.03	.04	.04	.03	.06	.05	.05	.02	.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.05	.20	.21	.041	23	.30
15*	.19	.03	.02	.03	.11	.15	.17	.10	.02	.03	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.043	23	.24
16*	.15	.30	.25	.22	.21	.17	.16	.15	.03	.02	.01	.01	.01	.01			.01	.01	.01	.01	.04	.08	.10	.14	.095	22	.32
17	.12	.09	.11	.11	.10	.10	.12	.15	.16	.05	.02	.02	.01	.01		.01	.01	.00	.00	.01	.01	.01	.01	.01	.053	23	.19
18	.01	.00	.00	.01	.00	.00	.02	.07	.08							.01	.01	.00	.01	.00	.01	.00	.00	.00	.012	18	.09
19	.01	.00	.00	.00	.01	.01	.03	.07	.09	.03	.03	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.03	.02	.020	23	.12
20	.02	.03	.03	.04	.03	.03	.02	.03	.03	.04	.02	.01	.01	.01		.01	.01	.01	.00	.01	.06	.10	.08	.04	.028	23	.12
21	.02	.01	.01	.01	.01	.04	.06	.04	.03	.02	.02	.01	.01	.01		.01	.01	.01	.01	.02	.01	.01	.02	.02	.017	23	.07
22*	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.04	.04	.03	.01		.01	.01	.01	.01	.01	.01	.01	.02	.01	.016	23	.04
23*	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.01		.00	.00	.00	.00	.01	.01	.02	.04	.05	.010	23	.05
24	.07	.06	.05	.05	.04	.04	.05	.09	.12	.11	.07	.03	.02	.03		.01	.01	.01	.00	.00	.02	.03	.02	.01	.039	23	.13
25	.01	.00	.00	.00	.00	.00	.01	.03	.03	.01	.01	.01	.01	.03		.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.04
26	.01	.01	.01	.01	.01	.01	.01	.02	.02				.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	20	.02
27	.01	.01	.01	.01	.01	.01	.01	.02	.04	.03	.01	.01	.01	.01		.01	.01	.01	.00	.01	.01	.03	.04	.06	.016	23	.07
28	.05	.02	.02	.02	.01	.01	.01	.03	.02	.02	.01	.01	.01	.01		.01	.02	.02	.02	.01	.01	.01	.01	.01	.016	23	.06
29*	.01	.02	.02	.02	.02	.04	.08	.07	.04	.03	.01	.01	.01	.01		.00	.00	.00	.00	.01	.02	.07	.13	.16	.032	23	.18
30*	.18	.19	.16	.16	.14	.12	.12	.07	.06	.02	.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.060	23	.21
31	.05	.06	.03	.02	.01	.01	.02	.03	.04	.02	.02	.02	.02	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.019	23	.07
MEAN	.04	.03	.03	.03	.03	.03	.04	.05	.04	.03	.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.03	.03	.024		
NO.	31	31	31	31	31	31	31	31	31	27	25	26	29	30		30	31	31	31	31	31	31	31			699	
MAX.	.19	.30	.25	.22	.21	.17	.17	.15	.16	.11	.07	.04	.03	.03		.03	.02	.02	.02	.02	.06	.10	.20	.21	.095		.32

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-105.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX.
1	.01	.02	.01	.01	.01	.01	.02	.03	.03	.01	.01	.02	.01	.01		.02	.01	.01	.01	.01	.01	.01	.01	.01	.013	23	.05
2	.01	.01	.00	.00	.00	.00	.00	.02	.02	.02	.01	.01	.01	.00		.00	.00	.00	.00	.01	.01	.01	.02	.04	.008	23	.06
3	.06	.05	.05	.03	.03	.01	.05	.12	.09	.03	.03	.01	.00	.00		.00	.00	.00	.00	.01	.02	.11	.14	.03	.037	23	.20
4	.02	.02	.01	.01	.03	.06	.05	.07	.05				.01	.01		.00	.01	.01	.01	.01	.01	.01	.01	.02	.020	20	.10
5*	.01	.01	.02	.02	.01	.02	.02	.03	.04	.02	.01	.01	.01	.01		.01	.01	.01	.01	.02	.03	.03	.06	.16	.023	23	.20
6*	.18	.22	.21	.18	.15	.12	.03	.02	.01	.01	.01	.01	.01	.01			.00	.01	.01	.01	.01	.02	.05	.05	.059	24	.23
7	.02	.02	.01	.01	.01	.01	.06	.04	.02	.02	.04	.01	.01	.00		.00	.00	.00	.00	.01	.01	.01	.01	.03	.015	23	.12
8	.10	.05	.07	.06	.08	.08	.11	.13	.13	.07	.03	.01	.01	.01		.01	.00	.00	.01	.05	.07	.09	.12	.11	.060	23	.16
9																											
10									.19	.08	.04	.02	.01	.01		.01	.01	.01	.01	.02	.05	.13	.12	.15	.057	15	.23
11	.15	.07	.06	.06	.12	.11	.05	.05	.05	.03	.03	.04	.02	.02		.02	.02	.02	.01	.01	.02	.02	.01	.01	.043	23	.19
12*	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.00		.00	.01	.00	.00	.01	.01	.01	.01	.00	.008	23	.02
13*	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.01	.07	.12	.16	.14	.024	23	.18
14	.14	.13	.12	.12	.12	.12	.15	.27	.25				.01	.01		.01	.01	.01	.01	.03	.05	.09	.11	.13	.094	20	.31
15	.11	.09	.10	.11	.11	.09	.11	.18	.21	.10	.04	.01	.01	.01		.00	.00	.00	.00	.01	.14	.13	.16	.06	.077	23	.24
16	.01	.00	.00	.05	.07	.08	.04	.07						.01		.00	.01	.01	.00	.00	.05	.11	.08	.11	.038	18	.13
17	.10	.10	.15	.13	.14	.11	.10	.11	.12	.06							.01	.02	.01	.01	.01	.01	.01	.01	.067	16	.16
18	.01	.01	.01	.01	.00	.00	.01	.07	.07	.04	.03	.02	.03	.02		.02	.02	.03	.02	.02	.01	.01	.01	.02	.021	23	.10
19*	.02	.01	.01	.01	.01	.01	.01	.02	.03	.04	.03	.03	.02	.01		.01	.01	.01	.01	.02	.04	.09	.26	.28	.042	23	.33
20*	.32	.27	.17	.13	.10	.06	.06	.06	.04	.04	.04	.03	.01	.01		.00	.01	.01	.01	.04	.02	.01	.01	.01	.063	23	.33
21	.01	.01	.01	.01	.01	.01	.03	.06	.05	.03	.03	.02	.01	.01		.01	.01	.01	.02	.01	.02	.01	.02	.01	.017	23	.07
22	.02	.01	.01	.01	.01	.01	.02	.03	.03	.03	.06	.03	.01	.01		.03	.02	.01	.02	.03	.03	.06	.04	.01	.023	23	.08
23	.01	.00	.00	.00	.00	.00	.00	.01	.01		.01	.01	.01	.01		.01	.01	.01	.02	.03	.01	.01	.01	.01	.008	22	.04
24	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01		.01	.01	.01	.01	.03	.07	.12	.08	.08	.025	23	.16
25	.04	.02	.04	.04	.02	.02	.02	.04	.04	.04	.01	.01	.01	.01		.00	.01	.01	.02	.04	.08	.06	.03	.02	.025	23	.09
26*	.02	.05	.04	.02	.01	.01	.01	.01	.01	.02	.01	.01	.00	.00		.01	.01	.01	.01	.02	.02	.01	.01	.01	.013	23	.06
27*	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02			.01	.02	.02	.02	.02	.03	.02	.02	.015	22	.04
28	.01	.01	.01	.00	.00	.00	.01	.03	.04	.03	.02	.02	.02	.02		.02	.02	.03	.02	.02	.02	.02	.02	.02	.018	23	.05
29	.03	.02	.02	.01	.01	.01	.02	.04	.05		.03	.02				.06	.04	.03	.02	.03	.03	.06	.13	.13	.039	20	.18
30	.17	.14	.13	.12	.08	.07	.08	.11	.09	.04	.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.050	23	.18
MEAN	.06	.05	.04	.04	.04	.04	.04	.06	.06	.03	.02	.01	.01	.01		.01	.01	.01	.01	.02	.03	.05	.06	.06	.034		
NO.	28	28	28	28	28	28	28	28	28	24	25	25	26	27		26	29	29	29	29	29	29	29	29		637	
MAX.	.32	.27	.21	.18	.15	.12	.15	.27	.25	.10	.06	.04	.03	.02		.06	.04	.03	.02	.05	.14	.13	.26	.28	.094		.33

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-106.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

NITRIC OXIDE
OCT. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01	.05	.04	.02	.01	.01	.01	.04	.04	.03	.02	.02	.02	.01		.01	.01	.01	.01	.02	.01	.01	.02	.02	.019	24	.11
2	.02	.02	.01	.02	.02	.01	.02	.04	.05	.04	.03	.03	.02	.01		.01	.01	.01	.01	.01	.02	.02	.04	.05	.022	23	.06
3*	.05	.06	.06	.06	.07	.07	.07	.09	.13	.12	.03	.02	.01	.02		.01	.01	.01	.02	.04	.08	.11	.10	.07	.058	24	.16
4*	.09	.07	.06	.07	.05	.03	.01	.01	.01	.01	.01	.01	.01	.01		.00	.00	.00	.01	.01	.01	.01	.00	.00	.021	24	.10
5	.00	.00	.00	.00	.00	.00	.00	.01	.02				.02	.02		.02	.02	.03	.03	.05	.07	.07	.09	.08	.026	20	.10
6	.06	.10	.05	.05	.04	.04	.03	.06	.07	.04	.03	.03	.01	.01		.01	.01	.02	.03	.07	.09	.16	.17	.22	.062	24	.23
7	.17	.07	.04	.04	.02	.02	.03	.06	.11	.10	.10	.04	.02	.02		.01	.02	.02	.03	.06	.04	.02	.02	.02	.047	23	.22
8	.01	.02	.01	.01	.02	.02	.03	.06	.06	.05	.02	.02	.01	.01		.01	.01	.03	.02	.01	.01	.01	.01	.01	.021	24	.08
9	.02	.01	.01	.01	.01	.01	.01	.02	.03	.02	.03	.02	.02	.01		.01	.02	.02	.02	.02	.04	.05	.06	.05	.022	23	.07
10*	.05	.04	.03	.02	.02	.03	.04	.06	.05	.03	.02	.02	.02	.01		.01	.01	.01	.02	.03	.07	.04	.04	.05	.030	24	.10
11*	.03	.02	.03	.01	.01	.01	.01	.01	.02	.01	.02	.01	.01	.01			.02	.01	.03	.04	.09	.41	.45	.44	.076	24	.47
12	.30	.24	.18	.16	.17	.17	.24	.32	.24	.20	.05	.03	.01	.01		.01	.01	.01	.01	.04	.14	.19	.13	.18	.131	23	.40
13	.17	.15	.13	.12	.09	.10	.12	.22	.26	.09						.01	.01	.02	.08	.14	.12	.12	.14	.20	.121	19	.28
14	.20	.24	.19	.17	.17	.18	.21	.31	.32	.05	.03	.02	.01	.01		.00	.01	.01	.02	.01	.01	.12	.27	.29	.124	23	.45
15	.26	.27	.22	.19	.15	.17	.20	.32	.36	.25	.15	.04	.01	.01		.01	.01	.01	.01	.02	.02	.01	.02	.04	.118	24	.40
16	.02	.18	.20	.16	.14	.11	.15	.15	.11	.13	.08	.06	.02	.02		.01	.01	.03	.09	.13	.03	.02	.02	.04	.083	24	.24
17*	.04	.06	.07	.11	.09	.06	.08	.13	.12	.09	.05	.02	.01	.01		.01	.01	.02	.14	.22	.18	.18	.17	.20	.089	23	.33
18*	.12	.18	.13	.15	.18	.16	.15	.19	.16	.13	.09	.05	.02	.01			.01	.01	.01	.02	.02	.02	.02	.02	.082	24	.21
19	.01	.01	.01	.01	.01	.02	.04	.07	.06	.05	.03	.02	.02	.01		.01	.01	.02	.03	.02	.02	.03	.03	.02	.024	23	.08
20	.02	.02	.02	.02	.03	.03	.05	.08	.10	.10	.03	.01	.01	.03		.01	.01	.03	.03	.05	.03	.03	.02	.01	.033	24	.12
21	.02	.01	.01	.01	.03	.04	.05	.04	.03	.03	.02	.02	.02	.02		.01	.01	.01	.01	.01	.01	.02	.02	.02	.019	24	.07
22	.02	.03	.05	.05	.06	.05	.07	.11								.00	.00	.00	.00	.00	.00	.00	.00	.00	.026	17	.15
23	.00	.00	.00	.00	.00	.00	.00	.00	.01	.07	.05	.06	.03	.03		.02	.03	.02	.04	.07	.25	.26	.22	.16	.057	23	.32
24*	.29	.31	.31	.29	.25	.20	.21	.24	.27	.24	.14	.04	.02	.01		.01	.01	.01	.04	.10	.17	.24	.23	.29	.171	23	.33
25*	.30	.24	.18	.14	.12	.09	.09	.10	.11	.06	.04	.03	.01	.01			.01	.02	.16	.32	.20	.08	.15	.17	.120	24	.36
26	.30	.19	.14	.12	.12	.14	.24	.34	.35	.25	.13	.04	.02	.01		.01	.02	.05	.04	.05	.17	.25	.36	.26	.156	23	.42
27	.22	.18	.16	.14	.12	.12	.15	.25	.25	.18	.07	.03	.01	.01		.01	.01	.04	.02	.05	.04	.07	.08	.05	.096	23	.28
28	.06	.05	.06	.04	.02	.02	.06	.17	.11	.09	.07	.04	.02	.01		.01	.02	.03	.04	.02	.01	.01	.01	.01	.042	23	.19
29	.01	.01	.01	.01	.01	.01	.02	.05	.06					.03		.01	.01	.02	.02	.03	.01	.02	.03	.04	.021	19	.07
30	.04	.03	.05	.04	.04	.08	.12	.11	.27	.24	.08	.03	.01	.01		.01	.01	.02	.03	.04	.03	.02	.17	.35	.079	23	.39
31*	.38	.38	.30	.17	.10	.14	.22	.18	.15	.04	.03	.02	.01	.01		.01	.01	.01	.02	.01	.02	.02	.02	.07	.100	23	.40
MEAN	.11	.10	.09	.08	.07	.07	.09	.14	.13	.10	.05	.03	.02	.01		.01	.01	.02	.03	.05	.06	.08	.10	.11	.068		
NO.	31	31	31	31	31	31	31	31	30	28	27	27	28	29		28	31	31	31	31	31	31	31	31		695	
MAX.	.38	.38	.31	.29	.25	.20	.24	.34	.36	.25	.15	.06	.03	.03		.02	.03	.05	.16	.32	.25	.41	.45	.44	.171		.47

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-107.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1*	.32	.32	.41	.36	.28	.18	.20	.17	.20	.14	.06	.05	.03	.01			.01	.05	.05	.05	.25	.29	.28	.30	.181	24	.42
2	.26	.17	.13	.12	.11	.08	.09	.20	.39	.17	.06	.04	.02	.01		.01	.01	.05	.14	.25	.28	.40	.27	.27	.154	23	.44
3	.24	.19	.14	.15	.14	.13	.19	.31	.33	.28	.24	.08	.03	.01		.04	.02	.02	.15	.20	.20	.19	.26	.27	.164	23	.38
4	.31	.32	.30	.25	.26	.25	.25	.32	.45	.44	.33	.08	.03	.01		.01	.01	.09	.28	.25	.31	.25	.22	.17	.225	23	.52
5	.15	.12	.08	.10	.14	.16	.23	.20	.29	.08	.04	.02	.02	.01			.01	.02	.04	.05	.05	.07	.04	.02	.088	22	.35
6	.02	.01	.02	.01	.02	.06	.12	.32	.45	.31	.19	.11	.04	.02		.01	.02	.09	.20	.21	.29	.39	.46	.28	.150	23	.50
7*	.27	.31	.29	.31	.35	.29	.29	.48	.60	.54	.43	.43	.17	.03		.00	.01	.02	.07	.17	.18	.24	.33	.25	.263	23	.64
8*	.30	.27	.16	.20	.09	.06	.05	.06	.05	.05	.05	.05	.02	.01		.00	.00	.01	.09	.20	.12	.15	.20	.19	.103	23	.34
9	.19	.19	.12	.13	.15	.14	.18	.32	.41	.40	.26	.11	.03	.02			.03	.08	.13	.05	.04	.03	.02	.03	.139	22	.45
10	.02	.01	.01	.03	.03	.02	.03	.08	.09				.01	.01		.01	.01	.05	.06	.06	.05	.02	.03	.01	.032	20	.10
11	.02	.01	.01	.01	.01	.01	.03	.05	.06	.04	.02	.01	.01	.01		.01	.04	.07	.03	.05	.06	.04	.02	.01	.027	23	.09
12	.02	.01	.01	.02	.02	.01	.03	.03	.04	.02								.01	.00	.00	.00	.00	.00	.01	.013	17	.06
13	.00	.00	.00	.00	.00	.01	.03	.09				.00	.03	.01		.01	.01	.03	.07	.28	.32	.36	.33	.32	.094	20	.37
14*	.29	.29	.26	.27	.34	.21	.35	.50	.52	.40	.19	.05	.02	.01		.00	.00	.01	.03	.03	.19	.49	.45	.30	.217	23	.61
15*	.37	.28	.25	.24	.19	.13	.13	.13	.11	.09	.06	.06	.03	.01			.03	.04	.05	.05	.04	.02	.02	.02	.106	22	.39
16	.03	.02	.01	.01	.01	.02	.03	.03	.04							.03	.04	.03	.03	.02	.02	.02	.02	.02	.024	18	.04
17	.01	.02	.01	.03	.06	.08	.10	.16	.12	.08	.13	.09	.03	.03		.05	.06	.04	.04	.03	.02	.02	.02	.01	.052	23	.18
18	.01	.01	.00	.00	.00	.00	.01	.03	.08	.06	.04	.05	.05	.05			.04	.08	.06	.05	.05	.02	.03	.02	.033	22	.10
19	.01	.01	.01	.01	.01	.01	.01	.03	.05	.05	.06	.08	.08	.07		.08	.07	.05	.02	.02	.02	.02	.02	.01	.035	23	.09
20	.01	.01	.01	.00	.00	.01	.02	.02	.05			.06	.06	.05		.03	.03	.03	.02	.01	.01	.01	.01	.01	.021	21	.08
21*	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.02	.03	.03		.03	.03	.04	.04	.05	.05	.04	.04	.03	.026	23	.06
22*	.04	.04	.03	.03	.03	.03	.04	.04	.04	.03	.02	.02	.03	.02			.02	.04	.05	.05	.05	.06	.07	.06	.037	22	.08
23	.04	.03	.04	.04	.05	.04	.06	.13	.21	.20	.11	.06	.04	.04		.04	.08	.14	.26	.39	.53	.49	.42	.38	.165	23	.57
24	.34	.29	.28	.25	.45	.41	.32	.42	.62	.65	.41	.13	.08	.05		.05	.07	.15	.24	.36	.42	.40	.41	.16	.302	23	.68
25	.07	.04	.02	.01	.01	.01	.02	.06	.10				.06	.09		.07	.06	.05	.05	.04	.04	.03	.04	.06	.045	20	.12
26	.06	.05	.02	.02	.02	.02	.02	.02	.03	.02	.02	.01	.02	.02			.02	.02	.03	.04	.02	.03	.02	.03	.025	24	.07
27	.07	.15	.11	.15	.07	.06	.11	.14	.15	.11	.09	.06	.04	.02			.02	.03	.03	.04	.02	.04	.02	.01	.069	22	.22
28*	.01	.01	.01	.01	.00	.01	.01	.02	.02	.02	.03	.04	.03	.02			.03	.02	.05	.04	.04	.02	.02	.03	.022	22	.07
29*	.03	.03	.02	.02	.01	.01	.01	.03	.03	.02	.02	.02	.02	.03			.02	.03	.02	.02	.02	.02	.02	.02	.021	22	.03
30	.02	.01	.01	.01	.01	.02	.04	.05	.06	.07	.06	.05	.04	.04		.03	.04	.05	.04	.05	.05	.06	.05	.04	.038	23	.07
MEAN	.12	.11	.09	.09	.09	.08	.10	.13	.18	.17	.12	.07	.04	.03		.03	.03	.05	.08	.10	.12	.14	.14	.11	.098		
NO.	30	30	30	30	30	30	30	30	29	25	24	26	28	28		19	29	30	30	30	30	30	30	30		658	
MAX.	.37	.32	.41	.36	.45	.41	.35	.50	.62	.65	.43	.43	.17	.09		.08	.08	.15	.28	.39	.53	.49	.46	.38	.302		.68

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-108.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
DEC. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.04	.04	.04	.06	.08	.10	.17	.17	.16	.10	.06	.05	.04			.04	.05	.04	.03	.04	.05	.04	.04	.065	24	.20
2	.03	.03	.04	.03	.02	.02	.03	.06	.08	.08	.08	.05	.04	.06		.07	.10	.14	.12	.07	.08	.12	.06	.04	.063	23	.16
3	.04	.01	.01	.01	.01	.01	.03	.10	.15				.07	.09		.12	.28	.44	.36	.17	.13	.11	.10	.09	.116	20	.49
4	.07	.06	.05	.03	.03	.08	.08	.11	.15	.17	.17	.18		.13		.09	.08	.08	.08	.05	.07	.05	.04	.04	.085	24	.19
5*	.04	.03	.03	.03	.02	.02	.02	.04	.05	.04	.05	.06	.05	.04		.04	.05	.05	.03	.03	.05	.03	.03	.03	.036	23	.07
6*	.02	.02	.02	.02	.02	.02	.01	.02	.04	.03	.04	.03	.02	.02			.04	.03	.03	.04	.04	.03	.05	.05	.026	24	.05
7	.05	.04	.04	.03	.02	.02	.03	.05	.07	.08	.06	.05	.05	.05		.04	.05	.07	.08	.08	.05	.04	.03	.02	.046	23	.09
8	.01	.01	.01	.01	.01	.01	.02	.05	.09	.07	.05	.04	.05	.04		.04	.05	.07	.05	.05	.05	.05	.03	.03	.038	23	.10
9	.02	.02	.01	.02	.02	.03	.04	.07	.08	.06	.06	.05	.04	.04			.04	.05	.06	.08	.07	.06	.06	.05	.046	22	.09
10	.06	.06	.05	.03	.01	.02	.05	.12	.18	.14	.09	.10	.07	.06		.06	.08	.10	.09	.06	.04	.05	.03	.03	.067	23	.21
11	.03	.02	.00	.01	.01	.01	.04	.06	.09				.03	.06		.02	.03	.04	.04	.04	.04	.06	.05	.05	.036	20	.11
12*	.05	.04	.04	.04	.03	.03	.06	.05	.05	.05	.03	.03	.04	.03			.02	.04	.06	.09	.07	.06	.05	.05	.045	22	.13
13*	.03	.03	.04	.03	.02	.02	.01	.02	.01	.01	.01	.02	.02	.02			.01	.02	.03	.04	.02	.03	.04	.04	.023	22	.05
14	.03	.02	.01	.03	.02	.02	.02	.04	.05	.05	.04	.03	.03	.02		.01	.02	.03	.02	.02	.01	.02	.02	.01	.025	23	.06
15	.01	.01	.01	.01	.01	.01	.03	.04	.06								.04	.05	.05	.04	.05	.07	.04	.09	.036	17	.15
16	.05	.04	.03	.02	.02	.02	.04	.06	.07							.03	.06	.08	.09	.07	.07	.07	.07	.06	.052	18	.09
17	.04	.03	.03	.03	.02	.02	.02	.02	.04	.04	.04	.04	.05	.05		.05	.04	.05	.04	.04	.04	.03	.03	.02	.035	23	.06
18	.02	.02	.02	.01	.01	.01	.02	.04	.05	.05	.04	.04	.03	.04		.03	.05	.05	.06	.07	.07	.12	.19	.15	.051	23	.23
19*	.09	.10	.10	.11	.06	.06	.07	.07	.07	.06	.06	.06	.07	.06		.07	.07	.08	.08	.06	.05	.04	.03	.02	.066	23	.16
20*	.01	.02	.02	.02	.01	.01	.02	.03	.02	.02	.03	.04	.04	.04		.04	.03	.10	.23	.29	.27	.49	.36	.32	.107	23	.34
21	.37	.41	.27	.25	.24	.26	.30	.31	.47	.35	.19	.24	.10	.05		.03	.04	.12	.11	.07	.03	.02	.02	.02	.176	23	.43
22																											
23	.02	.02	.02	.02								.03	.02	.02		.02	.03	.05	.08	.08	.07	.08	.06	.03	.040	16	.10
24	.02	.02	.02	.02	.06	.08	.09	.07	.04	.03	.02	.02	.03	.04		.05	.06	.04	.03	.03	.02	.03	.02	.03	.036	23	.10
25	.03	.05	.03	.02	.03	.03	.03	.03	.05	.05	.04	.05	.04	.04		.04	.05	.04	.04	.05	.05	.05	.05	.07	.041	23	.08
26*	.07	.06	.11	.12	.07	.10	.08	.04	.03	.03	.03	.04	.05	.06		.07	.08	.07	.05	.03	.02	.03	.03	.03	.056	23	.14
27*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.04	.06		.05	.04	.05	.04	.04	.04	.05	.03	.02	.031	23	.10
28	.02	.02	.02	.02	.01	.02	.01	.02		.03	.03	.03	.04	.05		.04	.06	.06	.04	.03	.03	.04	.03	.03	.031	22	.07
29	.02	.02	.02	.02	.02	.03	.06	.09	.12	.09	.07	.10	.06	.06		.08	.09	.11	.10	.08	.09	.08	.05	.05	.065	23	.15
30	.02	.01	.01	.01	.01	.01	.01	.03	.03					.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	20	.04
31	.02	.02	.03	.02	.01	.02	.02									.02	.03	.03	.03	.02	.03	.03	.03	.02	.023	16	.05
MEAN	.04	.04	.04	.03	.03	.04	.05	.06	.08	.07	.06	.06	.04	.05	1	.05	.06	.07	.07	.06	.06	.07	.06	.05	.053		
NO.	30	30	30	30	29	29	29	28	27	23	23	24	25	27	1	24	30	30	30	30	30	30	30	30		649	
MAX.	.37	.41	.27	.25	.24	.26	.30	.31	.47	.35	.19	.24	.10	.13	.01	.12	.28	.44	.36	.29	.27	.49	.36	.32	.176		.34

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-109.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.04	.04	.04	.03	.03	.02	.02	.02	.025	23	.04
2	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03		.04	.04	.04	.04	.04	.03	.03	.02	.02	.026	23	.04
3	.01	.01	.01	.01	.01	.01	.02	.02	.03	.03	.03	.02				.02	.03	.03	.03	.02	.01	.01	.01	.01	.017	21	.04
4*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01						.008	18	.01
5*																											
6	.01	.01	.01	.01	.00	.01	.01	.01	.01	.02			.03	.03		.03	.03	.03	.03	.03	.03	.02	.02	.02	.018	21	.04
7	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.01	.017	23	.03
8	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.016	23	.03
9	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	23	.02
10	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.03	.03	.018	23	.04
11*	.03	.02	.02	.02	.02	.03	.02	.01	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03	.03	.02	.02	.02	.02	.023	23	.04
12*	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.01	.01	.01	.02			.02	.02	.02	.02	.03	.03	.03	.03	.017	22	.03
13																											
14											.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.03	.035	19	.05
15																											
16																											
17	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03			.05	.05	.05	.05	.05	.05	.04	.030	21	.06
18*	.03	.03	.03	.03	.04	.03	.03	.03	.04	.04	.03		.03	.03		.02	.03	.04	.04	.04	.04	.04	.04	.04	.033	23	.05
19*	.03	.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.01	.01	.02		.02	.02	.02	.02	.01	.01	.01	.01	.01	.015	23	.04
20	.01	.01	.01	.01	.01	.01	.01	.01	.01			.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.016	20	.03
21	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.03	.04	.05	.05	.04	.03	.03	.03	.03	.026	23	.05
22	.02	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02		.02	.03	.04	.04	.03	.03	.03	.03	.03	.026	23	.04
23	.03	.03	.03	.03	.03	.03	.03	.04	.04							.03	.03	.04	.04	.04	.04	.04	.03	.03	.034	18	.04
24	.03	.03	.02	.02	.02	.02	.02	.03	.04	.04	.04						.03	.03	.02	.02	.02	.02	.02	.02	.025	19	.05
25*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.02	.02	.02	.02	.01	.012	23	.02
26*	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02		.02	.02	.02	.03	.02	.02	.02	.02	.02	.016	23	.03
27	.02	.02	.02	.02	.02	.02	.03	.02	.03	.03	.03	.03	.03	.02		.02	.03	.03	.02	.02	.02	.02	.01	.01	.023	23	.03
28	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.04	.022	23	.04
29	.03	.03	.03	.02	.02	.02	.03	.02	.02			.02	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.026	21	.04
30	.03	.02	.02	.02	.02	.02	.02	.02	.03					.04		.02	.03	.04	.04	.04	.04	.04	.04	.04	.030	19	.05
31	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03		.05	.05	.05		.04	.04	.04	.04	.04	.03	.03	.03	.02	.035	24	.06
MEAN	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.03	.03	.03	.03	.03	.02	.02	.022		
NO.	26	26	26	26	26	26	26	26	26	22	20	23	23	22	3	23	26	27	27	26	26	26	26	26		580	
MAX.	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.05	.05	.05	.03	.04	.04	.05	.05	.05	.05	.05	.05	.04	.035		.06

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-110.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

NITROGEN DIOXIDE
FEB. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.01	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.018	23	.03
2*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.01	.01	.01			.01	.02	.02	.02	.02	.02	.02	.01	.018	24	.03
3	.01	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.021	23	.05
4	.03	.03	.04	.04	.03	.04	.03	.03	.04	.06	.08	.06	.04	.04			.02	.03	.03	.03	.03	.03	.03	.03	.037	24	.09
5	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.07	.07	.05	.06		.03	.03	.04	.04	.03	.03	.03	.02	.02	.032	23	.08
6	.02	.01	.01	.01	.01	.02	.02	.02	.03	.02	.02	.02						.03	.03	.03	.02	.02	.02	.02	.020	14	.03
7	.02	.02	.02	.01	.01		.02	.01	.02	.03	.02	.02	.02	.02						.03	.02	.02	.02	.02	.019	17	.04
8*	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.03	.03	.02	.02	.02	.019	23	.04
9*	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02			.03	.03	.02	.02	.02	.02	.02	.02	.020	24	.03
10	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.01		.03	.03	.03	.03	.03	.02	.02	.02	.02	.021	21	.04
11	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02				.03	.04	.04	.04	.04	.03	.03	.026	21	.04
12	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03							.03	.04	.03	.03	.03	.03	.03	.03	.031	18	.04
13																											
14	.02		.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.03	.03	.04	.04	.04	.05	.04	.04	.04	.025	24	.05
15*	.04	.04	.05	.05	.05	.04	.03	.03		.03								.03	.03	.03	.03	.03	.02	.02	.034	18	.05
16*	.01	.01	.02	.02	.01	.01	.01	.01	.01	.02	.01	.01	.02	.02			.02	.02	.03	.03	.03	.04	.04	.03	.019	24	.04
17	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03		.03	.04	.05	.04	.05	.05	.05	.05	.04	.036	23	.05
18	.04	.05	.05	.04	.04	.03	.03	.04	.04	.04	.04	.05	.05	.04						.04	.04	.04	.03	.02	.039	19	.07
19	.02	.02	.02	.03	.03	.02	.03	.03	.03	.03								.03	.03	.02	.02	.02	.02	.02	.024	17	.03
20	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01				.02	.03	.03	.03	.03	.03	.03	.03	.019	21	.04
21	.03	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.03		.02	.03	.03	.03	.02	.03	.03	.03	.03	.024	23	.04
22*	.03	.03	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.03	.03	.03	.03	.023	23	.03
23*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.03	.02	.02	.02	.022	24	.03
24	.02	.02	.02	.02	.03	.03	.03	.04	.04	.04							.02	.03	.03	.03	.04	.03	.03	.03	.029	18	.04
25	.03	.03	.02	.02	.02	.03	.03	.02	.02	.03	.04	.04	.02	.02		.01	.02	.03	.04	.04	.04	.03	.02	.02	.027	23	.05
26	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.03	.03	.020	23	.04
27	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04								.02	.02	.02	.02		.02		.025	16	.04
28	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02					.03	.03	.03	.03	.03	.02	.03	.03	.03	.02	.025	19	.04
29*	.04	.03	.03	.03	.03	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02		.02	.024	23	.04
30																											
31																											
MEAN	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02		.03	.02	.03	.03	.03	.03	.03	.02		.025		
NO.	28	27	28	28	28	27	28	28	27	28	22	21	20	20	2	13	21	26	26	27	28	28	25	28		589	
MAX.	.04	.05	.05	.05	.05	.04	.03	.04	.04	.06	.08	.07	.05	.06	.03	.03	.04	.05	.04	.05	.05	.05	.05	.04	.039		.09

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV., DEC., & JAN. 1968

Table 3-111.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITROGEN DIOXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02			.017	22	.03
2	.01	.01	.01	.01	.01	.01	.02	.01	.02	.03			.02	.03		.02	.03	.03	.03	.03	.03	.02	.02	.02	.020	21	.03
3	.02	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.02	.02			.03	.04	.04	.03	.03	.03	.03	.03	.029	22	.04
4	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02					.02	.03	.02	.02	.02	.02	.02	.02	.01	.022	20	.03
5	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.02	.02	.02	.02	.02	.02	.02	.02	.012	23	.03
6	.03	.02	.04	.02	.02	.02	.04	.04	.03	.03	.02					.02	.03	.03	.03	.03	.03	.03	.03	.03	.025	20	.04
7*	.03	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.01		.01	.02	.02	.03	.03	.03		.02	.03	.022	22	.03
8*	.02	.02	.04	.02	.04	.03	.03	.03	.03	.04	.04	.05	.05	.05			.04	.04	.04	.03	.03	.03	.03	.03	.033	22	.06
9	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01				.01		.02	.02	.02	.02	.01	.01	.01	.01	.01	.016	20	.03
10	.01	.01	.01	.01	.01	.02	.02	.01	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.021	23	.04
11	.03	.03	.02	.02	.04	.03	.03	.03	.03	.03	.03	.02	.02	.02		.02	.03	.04	.04	.03	.03	.04	.02	.02	.027	23	.04
12	.03	.02	.04	.02	.02	.01	.02	.02	.02	.03	.03	.03	.02	.02		.02	.03	.03	.03	.03	.03	.04	.04	.04	.025	23	.04
13	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02		.02	.03	.04	.04	.04	.05	.04	.04	.02	.031	23	.05
14*	.03	.04	.03	.02	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03		.02	.02	.02	.02	.02	.02	.02	.02	.01	.023	23	.04
15*	.01	.01	.01	.04	.02	.02	.01	.02	.02	.02	.02	.02	.01	.01			.01	.02	.02	.04	.04	.03	.03	.04	.020	22	.04
16	.03	.03	.03	.03	.04	.03	.03	.03	.03	.02				.03		.03	.03	.03	.03	.03	.03	.03	.03	.02	.027	20	.04
17	.01	.02	.01	.04	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.01	.02	.02	.02	.019	23	.04
18	.01	.02	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03	.03			.03	.03	.03	.03	.04	.04	.05	.05	.026	22	.06
19	.04	.03	.03	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02		.02	.03	.03	.02	.02	.02	.02	.02	.02	.023	23	.05
20	.01	.01	.01	.01	.01	.01	.01	.02	.02		.03	.02	.03	.03		.02	.03	.03	.03	.03	.03	.02	.02	.03	.021	22	.05
21*	.02	.02	.04	.01	.01	.01	.02	.02	.04	.02	.02	.02				.02	.02	.02	.02	.03	.03	.03	.03	.02	.020	21	.03
22*	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02			.02	.03	.03	.03	.04	.04	.04	.04	.024	22	.05
23	.04	.04	.05	.05	.03	.02	.03	.03	.04	.04							.03	.04	.04	.05	.05	.05	.05	.04	.039	18	.05
24	.04	.04	.03	.03	.03	.03	.04	.04	.03	.03	.03					.02	.03	.03	.04	.04	.04	.04	.04	.02	.032	20	.05
25	.03	.03	.03	.03	.02	.01	.03	.03	.03	.04	.03	.03	.03	.03		.04	.04	.03	.03	.03	.03	.02	.03	.02	.028	23	.05
26	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.02	.02	.01	.01	.01	.01	.01	.010	23	.02
27	.01	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02									.03	.03	.03	.03	.02	.013	16	.03
28*	.02	.02	.02	.02	.01	.02	.01	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.03	.02	.02	.02	.02	.02	.019	23	.03
29*	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.02		.02	.02	.02	.01	.01	.01	.00	.00	.00	.009	23	.02
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01		.01	.01	.01	.01	.02	.02	.02	.02	.02	.007	23	.03
31	.02	.02	.02	.02	.02	.02	.02	.02				.02	.02	.01		.02	.02	.02	.02	.02	.02	.02	.03	.03	.020	20	.03
MEAN	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.03	.02	.022		
NO.	31	31	31	31	31	31	31	31	30	29	26	23	23	25	1	24	30	30	30	31	31	30	30	30		671	
MAX	.04	.04	.05	.05	.03	.03	.04	.04	.04	.04	.04	.05	.05	.05	.02	.04	.04	.04	.04	.05	.05	.05	.05	.05	.039		.06

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-112.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.02	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.03	.04	.03	.04	.04	.04	.03	.03	.029	23	.04
2	.02	.02	.02	.02	.03	.03	.04	.04	.04	.03	.03	.03	.03	.01		.03	.03	.03	.03	.03	.03	.03	.03	.02	.028	23	.04
3	.01	.01	.01	.01	.02	.03	.03	.03	.03	.04	.04	.02	.02	.02		.03	.03	.03	.03	.03	.02	.02	.02	.02	.023	23	.04
4*	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01				.02	.02	.02	.03	.03	.03	.03	.02	.016	21	.03
5*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03	.05	.05	.05	.05	.03	.027	23	.06
6	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02				.01		.02	.02	.01	.02	.02	.02	.02	.01	.02	.015	20	.03
7																											
8											.01	.01	.01	.02		.02	.02	.02	.02	.01	.01	.01	.02	.02	.015	13	.03
9	.02	.02	.02	.01	.02	.02	.02	.02	.02					.01		.02	.02	.02	.03	.04	.05	.05	.05	.04	.025	19	.05
10	.04	.04	.03	.04	.04	.04	.05	.05	.05	.04	.03	.03	.04	.02		.02		.03	.03	.04	.06	.06	.05	.06	.038	22	.06
11*	.06	.06	.06	.04	.04	.04	.04	.03	.05	.05	.03	.02	.02	.02		.02	.02	.02	.03	.04	.05	.05	.05	.05	.037	23	.06
12*	.04	.03	.03	.02	.02	.02	.01	.02	.01	.01	.01	.02	.02	.03		.02	.02	.03	.04	.03	.03	.03	.04	.01	.022	23	.05
13	.03	.01	.01	.01	.01	.01	.02	.03	.02	.02	.02					.02	.02	.03	.03	.04	.04	.04	.04	.04	.024	20	.05
14	.04	.03	.03	.03	.03	.03	.03	.04	.03	.03	.02					.01	.01	.02	.02	.02	.02.	.03	.02	.02	.025	20	.04
15	.02	.02	.02	.02	.02	.02	.02	.02			.02	.01	.01	.01		.02	.02	.02	.02	.02	.03	.04	.04	.04	.021	21	.04
16	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02		.01	.02	.02	.02	.02	.03	.03	.03	.03	.025	23	.04
17	.02	.01	.01	.01	.01	.02	.04	.04	.03	.02	.02	.01	.01	.01		.02	.02	.02	.02	.03	.03	.02	.02	.01	.019	23	.04
18*	.01	.02	.01	.02	.02	.03	.02	.02	.03	.02	.03	.02	.02	.02		.02	.02	.02	.02	.03	.03	.03	.03	.02	.022	23	.04
19*	.03	.02	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.03	.02		.02	.03	.03	.02	.03	.03	.02	.02	.02	.020	23	.03
20	.02	.02	.02	.02	.02	.02	.02	.02	.02				.02	.02		.03	.05	.05	.03	.04	.04	.04	.04	.04	.027	20	.06
21	.04	.03	.03	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.03		.03	.03	.03	.03	.03	.02	.01	.03	.02	.024	23	.04
22	.01	.01	.01	.01	.01	.01	.03	.02	.02	.02	.01	.01	.01	.01		.01	.02	.03	.03	.03	.03	.03	.03	.03	.019	23	.04
23	.02	.02	.02	.01	.01	.03	.03	.04	.04			.02	.02	.02		.04	.06	.05	.04	.03	.03	.02	.03	.03	.027	21	.06
24	.02	.02	.01	.01	.01	.01	.03	.04	.03	.02	.02	.02	.02	.02		.02	.02	.03	.02	.02	.02	.02	.02	.02	.020	23	.04
25*	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.01	.02	.01		.01	.01	.01	.03	.03	.02	.02	.03	.03	.018	23	.04
26*	.03	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03	.03		.03	.02	.03	.02	.02	.02	.02	.02	.02	.020	23	.03
27	.02	.01	.01	.01	.01	.01	.02	.03	.03	.03			.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.02	.023	21	.04
28	.01	.01	.01	.02	.01	.01	.03	.03	.03	.02	.02	.03	.03	.03		.03	.03	.04	.02	.03	.02	.02	.03	.03	.023	23	.05
29	.03	.02	.02	.01	.01	.02	.02	.02	.02	.02	.03	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.03	.02	.022	23	.03
30	.02										.02	.02	.02	.02		.02	.03	.03	.03	.03	.03	.02	.03	.03	.024	14	.04
MEAN	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.03	.03	.024		
NO.	28	27	27	27	27	27	27	27	26	23	24	23	25	26		28	28	29	29	29	29	29	29			629	
MAX	.06	.06	.06	.04	.04	.04	.05	.05	.05	.05	.04	.03	.03	.03		.04	.06	.05	.04	.05	.06	.06	.05	.06	.038		.06

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-113.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.03	.03	.03	.02	.02	.03	.04	.04	.03	.04	.01	.01	.01	.01	.02	.02	.02	.04	.05	.04	.04	.02	.03	.027	24	.11
2*	.03	.02	.01	.02	.02	.02	.02	.02	.01	.01	.01		.01	.01	.01	.01	.02	.03	.03	.02	.03	.03	.02	.01	.017	23	.03
3*	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.02	.01	.01	.00	.01	.01	.01	.01	.02	.03	.04	.04	.03	.012	24	.04
4	.01	.03	.03	.03	.02	.02	.03	.04	.03	.03	.02		.01	.01		.02	.02	.02	.02	.03	.04	.04	.04	.03	.025	22	.04
5	.03	.03	.02	.02	.02	.02	.02	.03	.04	.05	.04	.02	.02	.01		.02	.02	.03	.02	.03	.03	.03	.03	.03	.026	23	.07
6	.03	.02	.02	.02	.02	.02	.02	.03	.04	.01	.01	.01	.04		.04										.021	14	.07
7																											
8																											
9*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.00	.00	.01	.002	23	.01
10*	.01	.01	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.01	.02	.03	.04	.04	.04	.010	23	.04
11	.04	.03	.04	.04	.04	.04	.03	.04	.05	.03	.03	.03	.02	.02				.03	.02	.03	.03	.02	.01	.02	.030	21	.06
12	.02	.02	.01	.02	.01	.03	.03		.02	.02	.02	.02	.01	.01			.02	.02	.02	.03	.04	.03	.04	.03	.021	21	.05
13	.02	.01	.01	.01	.01	.01	.02	.03	.02	.02	.02	.02				.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	21	.03
14	.02	.01	.01	.01	.01	.01	.02	.02	.03	.02	.02	.02	.02	.02		.02	.02	.03	.02	.03	.04	.05	.05	.05	.023	23	.06
15	.04	.04	.04	.04	.04	.03	.04	.06	.11	.10	.05	.03	.03	.05		.02	.03	.04	.03	.04	.06	.07	.06	.06	.047	23	.14
16*	.05	.05	.05	.05	.05	.04	.05	.06	.06	.04	.03	.02	.02	.02		.01	.01	.02	.03	.04	.05	.06	.06	.04	.039	23	.07
17*	.05	.04	.06	.05	.04	.02	.02	.02	.02	.02	.01	.01	.01	.02		.01	.02	.02	.02	.03	.05	.06	.07	.06	.031	23	.07
18	.06	.06	.06	.05	.05	.05	.05	.07	.11	.09	.04	.02	.01	.02		.02	.03	.03	.03	.03	.06	.07	.06	.06	.049	23	.13
19	.07	.06	.04	.03	.04	.03	.05	.05	.04	.03	.03	.03	.02	.02		.02	.03	.03	.02	.03	.03	.04	.04	.03	.035	23	.07
20	.04	.03	.02	.02	.02	.02	.03	.03	.03	.03	.04		.03	.03		.02	.03	.04	.02	.02	.02	.02	.03	.03	.027	22	.05
21	.02	.02	.01	.01	.01	.02	.03	.03	.04	.04	.05		.07	.05		.03	.03	.03	.02	.03	.06	.07	.07	.07	.036	24	.09
22	.06	.06	.05	.05	.05	.04	.04	.08	.11	.09	.04	.03	.03	.03		.02	.02	.03	.04	.06	.08	.09	.10	.10	.056	23	.12
23*	.09	.08	.08	.07	.07	.06	.06	.06	.05	.03	.02	.02	.02	.03											.033	14	.10
24*											.01	.01	.01	.01		.01	.01	.02	.02	.04	.04	.04	.04	.03	.023	13	.09
25	.02	.02	.03	.04	.04	.05	.05	.07	.06	.03	.03	.02	.02	.02		.02	.02	.03	.03	.03	.05	.05	.06	.05	.036	23	.08
26	.05	.05	.05	.05	.04	.04	.04	.04	.05	.04	.03	.03	.02	.02		.02	.03	.05	.04	.03	.03	.04	.03	.03	.036	23	.05
27	.03	.02	.03	.02	.02	.03	.03	.03	.03	.03				.02		.02	.03	.03	.03	.03	.03	.05	.04	.04	.029	20	.05
28	.04	.05	.05	.03	.03	.02	.03	.04	.04				.03	.03		.04	.04	.05	.04	.04	.05	.05	.05	.05	.040	20	.06
29	.04	.05	.04	.04	.03	.03	.03	.03	.04	.05	.04	.04	.04	.03		.03	.03	.03	.03	.04	.05	.06	.04	.04	.038	23	.06
30*	.03	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01		.01	.01	.01	.02	.03	.04	.04	.03	.03	.022	23	.05
31*	.02	.02	.02	.01	.01	.01	.02	.02	.02	.03	.03	.05	.05	.05		.02	.03	.03	.03	.03	.03	.03	.05	.03	.027	23	.05
MEAN	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.02	.02	.02		.02	.02	.02	.02	.03	.04	.04	.04	.04	.029		
NO	27	28	28	28	28	28	28	27	28	27	27	23	27	27	4	25	26	27	27	27	27	27	27	27		620	
MAX	.09	.08	.05	.07	.07	.05	.06	.08	.11	.10	.05	.05	.07	.05	.04	.04	.04	.05	.06	.08	.09	.10	.10		.056		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-114.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JUNE 1964

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.02	.02	.02	.02	.03	.04	.05	.05	.04	.04	.03	.02	.02		.02	.02	.03	.02	.03	.05	.05	.05	.04	.032	23	.05
2	.03	.03	.04	.04	.04	.04	.04	.04	.04	.03	.04	.04	.04	.04		.02	.03	.04	.04	.03	.03	.03	.04	.03	.035	23	.06
3	.03	.03	.03	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02		.02	.02	.03	.02	.03	.03	.04	.04	.04	.026	23	.04
4	.03	.03	.04	.04	.04	.04	.03	.05	.06	.04	.03	.03	.02	.02		.02	.02	.03	.02	.03	.04	.05	.05	.05	.035	23	.07
5	.05	.04	.04	.04	.03	.04	.04	.06	.07	.07	.05	.03	.03	.02		.02	.03	.04	.04	.04	.04	.04	.03	.03	.038	23	.08
6*	.03	.03	.03	.02	.02	.03	.03	.04	.03	.03	.02	.02	.02	.02		.01	.01	.01	.02	.04	.04	.04	.04	.04	.026	23	.05
7*	.04	.03	.02	.02	.01	.02	.01	.02	.02	.02	.02	.01	.01	.01		.01	.01	.01	.02	.03	.04	.04	.02	.03	.020	23	.05
8	.04	.03	.03	.02	.02	.02	.02	.03	.04	.04	.02	.01	.01	.01		.01	.02	.02	.02	.03	.04	.04	.04	.03	.025	23	.04
9	.03	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01		.02	.01	.02	.02	.03	.04	.02	.01	.01	.019	23	.04
10	.01	.01	.01	.01	.01	.01	.02	.02	.02							.01	.02	.02	.01	.03	.03	.02	.03	.02	.016	16	.04
11	.02	.03	.02	.01	.01		.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.03	.03	.04	.03	.021	24	.04
12	.03	.03	.04	.02	.02			.00					.03	.03		.03	.04	.03	.04	.06	.05	.04	.04	.03	.031	17	.06
13*	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02		.02	.02	.02	.02	.02	.03	.04	.04	.03	.023	23	.04
14*	.02	.02	.02	.02	.01	.01	.02	.01	.02	.02	.02	.02	.02	.02		.01	.02	.02	.02	.02	.02	.02	.02	.02	.018	23	.03
15	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.021	24	.04
16																											
17																											
18																											
19																											
20*	.02	.02	.02	.02	.02	.02	.02	.04	.03	.03	.02	.03	.03	.01		.02	.02	.02	.02	.02	.03	.03	.03	.03	.022	23	.03
21*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.03	.02	.03	.020	23	.03
22	.03	.02	.02	.01	.02	.02	.02	.02	.02	.04	.04	.03	.05	.03		.03	.03	.02	.02	.02	.02	.03	.03	.03	.025	23	.04
23	.03	.02	.02	.02	.02	.02	.02	.03	.03	.04	.03	.03	.02	.03		.03	.03	.03	.04	.04	.03	.03	.03	.05	.029	23	.06
24	.05	.04	.03	.02	.01	.02	.03	.03	.03	.02	.02	.02	.02	.02		.02	.03	.03	.03	.03	.04	.04	.04	.04	.029	23	.06
25	.05	.05	.05	.05	.04	.05	.06	.06	.06	.05	.03	.02	.02	.02		.02	.03	.03	.02	.02	.04	.06	.07	.07	.041	23	.07
26	.07	.07	.06	.07	.06	.05	.06	.08	.11	.08	.03	.03	.02	.02		.02	.02	.04	.02	.03	.05	.10	.09	.09	.035	23	.12
27*	.09	.08	.06	.09	.08	.06	.07	.11	.18	.13	.04	.03	.03	.02		.03	.03	.03	.03	.05	.08	.09	.08	.05	.066	23	.20
28*	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.03	.04	.02	.02		.02	.02	.02	.02	.02	.03	.08	.09	.09	.032	23	.09
29	.08	.08	.04	.07	.06	.05	.06	.10	.08	.06	.04	.04	.03	.03		.02	.02	.03	.02	.02	.04	.06	.07	.07	.053	23	.12
30	.06	.05	.05	.04	.04	.03	.04	.05	.06	.05	.06	.04	.03	.04		.02	.02	.05	.05	.04	.05	.04	.05	.04	.044	23	.07
MEAN	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.02	.02		.02	.02	.02	.02	.03	.04	.04	.04	.04	.031		
NO	26	26	26	26	26	24	25	26	25	24	24	24	25	25		25	26	26	26	26	26	26	26	26		585	
MAX	.09	.08	.06	.09	.08	.06	.07	.11	.18	.13	.06	.04	.04	.04		.03	.04	.05	.05	.06	.08	.10	.09	.09	.066		.20

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 21, 1968

Table 3-115.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITROGEN DIOXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.04	.03	.04	.02	.04	.03	.04	.04	.04	.04			.03	.02		.03	.04	.04	.04	.03	.04	.04	.05	.05	.035	21	.06
2	.03	.05	.04	.04	.04	.04	.04	.04	.06	.05	.02	.02	.02	.02		.03	.03	.03	.02	.03	.04	.05	.04	.04	.035	23	.06
3	.04	.03	.04	.03	.03	.03	.04	.05	.05	.08	.06	.02	.02	.02		.02	.02	.03	.03	.04	.04	.03	.03	.04	.034	24	.09
4*	.04	.04	.03	.02	.04	.03	.02	.02	.02	.02	.02	.02	.01	.02		.01	.02	.02	.02	.03	.03	.04	.04	.04	.026	24	.05
5*	.05	.04	.03	.03	.04	.04	.04	.05	.06	.06	.03	.02	.02	.02		.01	.02	.02	.02	.02	.04	.05	.06	.06	.035	24	.07
6	.05	.05	.05	.05	.05	.04	.05	.09	.08	.06	.03	.03	.04	.03		.03	.04	.06	.06	.04	.04	.05	.04	.03	.047	24	.10
7	.03	.03	.04	.04	.04	.03	.03	.04	.05	.05	.05	.05	.04	.05		.05	.04	.05	.05	.05	.05	.03	.05	.04	.042	23	.06
8	.04	.04	.04	.03	.03	.03	.04	.05	.05	.05			.03	.03		.03	.04	.04	.05	.04	.04	.05	.06	.05	.039	21	.06
9	.05	.05	.03	.03	.03	.03	.03	.03	.04	.05	.06	.05	.04	.04		.04	.05	.07	.05	.06	.08	.07	.06	.07	.047	23	.08
10	.07	.07	.07	.07	.06	.06	.06	.06	.08	.07	.05	.03	.03	.02		.02	.03	.04	.03	.04	.08	.09	.09	.08	.055	24	.09
11*	.08	.07	.07	.06	.06	.06	.07	.09	.11	.10	.06	.03	.04	.03		.02	.04	.03	.02	.02	.04	.07	.09	.08	.056	24	.12
12*	.08	.08	.06	.06	.05	.04	.03	.02	.04	.03	.02	.03	.03	.03			.03	.03	.03	.03	.05	.06	.06	.05	.041	24	.09
13	.03	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.04	.02		.02	.03	.02	.02	.02	.03	.04	.04	.04	.025	23	.04
14	.03	.02	.02	.01	.01	.02	.02	.03	.03					.04		.03	.03	.03	.02	.03	.05	.05	.04	.04	.029	19	.06
15	.05	.04	.02	.02	.02	.05	.06	.05	.06	.05	.03	.03	.03	.03		.03	.03	.03	.03	.04	.06	.08	.08	.08	.043	23	.08
16	.07	.06	.05	.04	.05	.05	.06	.06	.08	.07	.03	.04	.03	.02		.02	.04	.02	.02	.03	.06	.07	.08	.07	.048	24	.09
17	.07	.06	.05	.04	.04	.04	.04	.06	.07	.07	.06	.04	.04	.02		.02	.05	.04	.04	.06	.06	.06	.06	.06	.048	23	.09
18*	.06	.05	.05	.05	.04	.05	.04	.05	.03	.04	.03	.03	.03	.02		.02	.03	.06	.05	.07	.07	.07	.07	.06	.046	24	.08
19*	.07	.06	.06	.06	.06	.05	.05	.05	.06	.05	.04	.02	.03	.02		.02	.02	.03	.03	.05	.05	.06	.06	.06	.046	24	.07
20	.03	.03	.04	.05	.05	.04	.04	.06	.14	.09	.05	.03	.02	.02		.02	.02	.02	.01	.02	.07	.09	.07	.06	.046	24	.16
21	.02	.01	.00	.02	.04	.04	.04	.03	.04	.05	.07			.03		.04	.05	.07	.05	.05	.04	.06	.06	.06	.041	21	.08
22	.06	.06	.07	.07	.06	.06	.07	.09	.10	.09	.06	.05	.04	.03		.03	.04	.05	.03	.06	.10	.10	.09	.07	.064	23	.11
23	.04	.03	.03	.03	.03	.03	.03	.04	.06	.10	.10	.06	.04	.02		.05	.06	.05	.05	.04	.04	.04	.04	.04	.045	24	.11
24	.07	.04	.04	.02	.02	.02	.03	.04	.06	.05	.04					.04	.04	.03	.03	.02	.03	.03	.04	.04	.036	20	.10
25*	.04	.04	.04	.04	.03	.03	.03	.05	.07				.05	.03		.02	.02	.03	.03	.03	.03	.03	.03	.03	.034	20	.08
26*	.03	.03	.03	.03	.02	.02	.02	.02	.04	.03	.03	.03	.04	.02			.01	.02	.02	.03	.04	.04	.05	.04	.028	24	.06
27	.04	.04	.04	.03	.03	.03	.03	.03	.05			.04	.04	.02		.02	.04	.03	.02	.03	.03	.03	.04	.05	.034	21	.05
28	.05	.04	.04	.03	.03	.03	.03	.04	.04	.04	.05	.04	.03	.02		.03	.03	.04	.06	.05	.05	.04	.05	.04	.039	23	.07
29	.03	.02	.01	.01	.01	.02	.03	.04	.04	.03			.02	.02		.03	.03	.04	.03	.03	.03	.03	.03	.03	.026	21	.04
30	.03	.03	.03	.02	.02	.02	.02	.03	.04	.03	.02	.02	.02	.02		.02	.03	.03	.02	.02	.04	.04	.04	.05	.027	23	.05
31	.03	.02	.02	.02	.01	.02	.02	.04	.04	.03	.03	.03	.02	.02		.02	.02	.03	.02	.03	.05	.06	.06	.05	.030	23	.07
MEAN	.05	.04	.04	.04	.03	.04	.04	.05	.05	.05	.04	.03	.03	.03		.03	.03	.04	.03	.04	.05	.05	.05	.05	.040		
NO	31	31	31	31	31	31	31	31	31	28	25	24	28	30		29	31	31	31	31	31	31	31	31		691	
MAX	.08	.08	.07	.07	.06	.06	.07	.09	.14	.10	.10	.06	.05	.05		.05	.06	.07	.06	.07	.10	.10	.09	.08	.064		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV., DEC., 29, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-116.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
AUG. 1964

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.05	.04	.03	.04	.04	.04	.05	.07	.05	.08	.07	.09	.08	.04		.03	.03	.02	.02	.05	.09	.08	.08	.07	.054	23	.10
2*	.08	.05	.04	.05	.05	.04	.04	.04	.04	.04	.03	.02	.02	.02		.01	.01	.02	.02	.02	.03	.03	.03	.02	.032	23	.09
3	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.06	.05	.04	.04		.05	.04	.04	.03	.03	.03	.03	.03	.02	.031	23	.06
4	.02	.02	.03	.02	.03	.03	.03	.04	.05	.06	.05	.05	.05	.03		.02	.02	.03	.04	.04	.04	.03	.03	.03	.034	23	.06
5	.03	.02	.01	.01	.01	.01	.01	.02	.03	.05	.05	.03	.03	.03		.03	.03	.03	.02	.02	.03	.02	.02	.02	.024	23	.09
6	.02	.02	.02	.02	.01	.01	.02	.02	.03					.06		.03	.03	.01	.01	.01	.01	.02	.02	.01	.019	19	.08
7	.01	.00	.01	.00	.00	.00	.00	.00	.00	.01			.03	.02		.01	.02	.03	.02	.03	.04	.04	.04	.04	.017	21	.05
8*	.03	.02	.02	.02	.04	.04	.03	.03	.03			.03	.02	.02		.02	.02	.03	.03	.05	.06	.06	.05	.04	.032	21	.07
9*	.03	.03	.03	.03	.03	.03	.03	.03	.04	.02	.02	.02	.02	.03		.02	.02	.03	.04	.04	.04	.05	.04	.03	.029	23	.05
10	.03	.02	.02	.02	.02	.03	.05	.06	.07	.09	.08	.04	.04	.03			.03	.04	.03	.04	.09	.10	.09	.08	.049	24	.12
11	.07	.05	.04	.02	.02	.02	.03	.03	.03	.03			.02	.02		.02	.03	.03	.03	.04	.05	.04	.03	.03	.031	21	.08
12	.03	.02	.02	.03	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03	.04	.04	.04	.04	.05	.028	23	.05
13	.04	.04	.03	.02	.04	.04	.03	.04	.06	.03	.03	.03	.03	.03		.02	.03	.04	.03	.04	.06	.06	.06	.05	.037	23	.06
14	.05	.05	.04	.04	.03	.03	.03	.03	.04	.03	.02	.03	.04	.04		.02	.03	.05	.04	.06	.06	.08	.09	.08	.044	23	.10
15*	.08	.05	.05	.04	.05	.06	.05	.05	.05	.05	.03	.02	.02	.02		.02	.02	.02	.03	.05	.06	.06	.06	.06	.043	23	.08
16*	.08	.08	.07	.07	.06	.06	.06	.07	.04	.04	.03	.02	.01	.01			.02	.03	.03	.04	.08	.10	.10	.09	.054	24	.11
17	.09	.08	.08	.07	.06	.06	.06	.07	.10	.11	.06	.06	.04	.04		.03	.04	.03	.03	.05	.06	.06	.06	.06	.059	23	.12
18	.06	.05	.05	.05	.04	.03	.04	.06	.09							.02	.02	.03	.02	.03	.04	.03	.03	.04	.040	18	.10
19	.04	.03	.03	.03	.03	.04	.04	.05	.08	.06	.06	.05	.03	.02		.02	.02	.03	.03	.04	.05	.05	.05	.05	.039	23	.10
20	.05	.05	.05	.05	.04	.04	.04	.05	.05	.06	.03	.02	.02	.02		.14	.03	.04	.03	.06	.07	.07	.07	.06	.049	24	.25
21	.04	.02	.03	.03	.03	.05	.05	.05	.04	.03	.02	.02	.02	.02		.02	.02	.03	.03	.03	.02	.02	.02	.02	.028	23	.06
22*	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02		.02	.02	.02	.02	.03	.03	.03	.03	.03	.018	23	.03
23*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.03	.03	.03	.03	.021	23	.03
24	.02	.02	.02	.01	.01	.01	.01	.02	.04	.06	.05	.03	.02	.03		.02	.02	.03	.02	.04	.07	.06	.04	.03	.029	23	.07
25	.02	.02	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.02	.04		.03	.03	.03	.03	.03	.04	.02	.02	.03	.030	23	.06
26	.03	.03	.03	.02	.02	.02	.02	.03	.03				.02	.03		.03	.04	.04	.04	.05	.06	.05	.05	.04	.034	20	.06
27	.03	.03	.02	.02	.02	.02	.03	.05	.06	.05	.04	.03	.03	.03		.04	.04	.05	.04	.05	.06	.07	.07	.06	.040	23	.07
28	.05	.04	.03	.03	.02	.03	.03	.03	.04	.03	.02	.02	.02	.02		.03	.04	.04	.05	.04	.03	.03	.03	.04	.032	23	.06
29*	.04	.04	.04	.04	.04	.04	.04	.04	.05	.06	.05	.04	.03	.03		.02	.03	.03	.04	.05	.08	.11	.10	.09	.048	23	.11
30*	.08	.08	.07	.07	.06	.05	.06	.05	.08	.06	.05	.03	.04	.02		.02	.02	.02	.03	.03	.04	.04	.05	.05	.048	23	.09
31	.05	.05	.04	.03	.04	.02	.03	.04	.04	.03	.03	.03	.03	.03		.02	.03	.04	.03	.03	.05	.05	.05	.04	.036	23	.07
MEAN	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03		.03	.03	.03	.03	.04	.05	.05	.05	.04	.036		
NO	31	31	31	31	31	31	31	31	31	27	25	26	29	30		29	31	31	31	31	31	31	31	31		693	
MAX	.09	.08	.08	.07	.06	.06	.06	.07	.10	.11	.08	.09	.08	.06		.14	.04	.05	.05	.06	.09	.11	.10	.09	.059		.25

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-117.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITROGEN DIOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.05	.05	.04	.03	.03	.03	.03	.03	.05	.05	.04	.03	.03	.03		.03	.03	.04	.03	.05	.06	.05	.04	.03	.037	23	.06
2	.03	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04	.04	.03	.03		.03	.03	.03	.02	.05	.06	.05	.06	.06	.034	23	.06
3	.05	.05	.04	.04	.04	.03	.03	.04	.05	.05	.06	.02	.02	.05		.04	.03	.05	.05	.07	.09	.10	.10	.07	.049	23	.11
4	.07	.07	.05	.06	.06	.06	.06	.07	.09				.05	.03		.02	.03	.04	.04	.06	.07	.06	.05	.05	.053	20	.10
5*	.04	.04	.05	.05	.04	.04	.34	.06	.05	.04	.03	.03	.04	.03		.03	.03	.03	.03	.06	.07	.07	.07	.08	.057	23	.10
6*	.07	.07	.06	.06	.05	.05	.04	.03	.04	.04	.04	.03	.02	.02			.02	.02	.03	.05	.07	.07	.18	.13	.054	22	.50
7	.07	.06	.05	.04	.04	.05	.05	.04	.04	.05	.08	.06	.05	.03		.02	.02	.02	.03	.06	.08	.07	.06	.07	.048	23	.09
8	.08	.08	.07	.08	.11	.07	.05	.10	.09	.12	.14	.08	.04	.02		.04	.04	.04	.04	.07	.08	.08	.08	.08	.075	23	.25
9																											
10									.13	.17	.13	.07	.04	.04		.02	.03	.03	.06	.06	.07	.08	.07	.07	.070	15	.18
11	.05	.04	.03	.03	.03	.04	.02	.02	.01	.02	.03	.03	.03	.03		.02	.03	.04	.03	.03	.03	.03	.02	.02	.029	23	.06
12*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02		.02	.02	.02	.03	.04	.04	.04	.04	.02	.023	23	.04
13*	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01	.02		.02	.02	.02	.03	.05	.06	.06	.06	.06	.030	23	.07
14	.06	.06	.05	.05	.05	.05	.06	.07	.10				.03	.03		.02	.03	.04	.05	.07	.07	.07	.06	.06	.054	20	.13
15	.05	.05	.05	.05	.05	.04	.04	.05	.08	.12	.10	.05	.03	.04		.03	.03	.03	.06	.08	.10	.10	.09	.08	.061	23	.13
16	.05	.03	.03	.06	.07	.06	.05	.06	.08	.12	.14	.08	.02	.02		.02	.03	.05	.05	.06	.09	.09	.08	.07	.060	23	.15
17	.07	.07	.08	.08	.08	.06	.06	.05	.07	.06							.03	.06	.05	.05	.06	.04	.05	.04	.060	18	.09
18	.04	.04	.03	.04	.02	.02	.03	.04	.05	.04	.04	.03	.09	.11		.04	.04	.04	.04	.03	.03	.03	.03	.04	.040	23	.13
19*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.03	.02		.02	.03	.04	.05	.07	.08	.07	.06	.06	.036	23	.08
20*	.06	.05	.05	.04	.03	.03	.03	.04	.03	.04	.06	.05	.03	.02		.01	.02	.02	.05	.07	.06	.04	.04	.04	.038	23	.08
21	.04	.03	.03	.02	.02	.02	.03	.03	.03	.04	.05	.04	.04	.04		.03	.03	.05	.06	.06	.07	.05	.06	.05	.039	23	.07
22	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.02	.03		.04	.03	.03	.04	.05	.05	.04	.04	.03	.034	23	.05
23	.03	.02	.02	.01	.01	.02	.02	.02	.02			.02	.02	.02		.02	.02	.03	.04	.04	.03	.03	.02	.02	.023	21	.04
24	.03	.03	.03	.02	.01	.01	.01	.02	.02	.02	.02	.01	.01	.02		.02	.02	.02	.03	.03	.03	.03	.03	.03	.022	23	.03
25	.03	.03	.03	.02	.02	.02	.02	.04	.03	.02	.02	.02	.02	.02		.02	.02	.03	.03	.04	.04	.04	.03	.03	.026	23	.04
26*	.03	.03	.03	.02	.02	.02	.02	.04	.03	.03	.03	.02	.02	.02		.03	.03	.04	.04	.05	.04	.03	.03	.03	.028	23	.05
27*	.03	.04	.03	.03	.01	.01	.02	.03	.04	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.022	24	.04
28	.02	.02	.01	.01	.01	.01	.02	.02	.02			.02	.02	.02		.03	.03	.03	.02	.02	.02	.02	.02	.02	.019	21	.03
29	.02	.02	.01	.01	.01	.01	.01	.01	.01		.01	.01				.02	.02	.03	.03	.03	.02	.03	.03	.03	.018	20	.04
30	.03	.03	.03	.03	.03	.02	.03	.03	.03	.04	.03	.02	.01	.02		.01	.02	.03	.04	.04	.04	.03	.03	.03	.027	23	.04
MEAN	.04	.04	.04	.04	.03	.03	.04	.04	.04	.05	.05	.03	.03	.03		.02	.03	.03	.04	.05	.05	.05	.05	.05	.040		
NO.	28	28	28	28	28	28	28	28	29	24	24	26	27	27		26	29	29	29	29	29	29	29	29		639	
MAX.	.08	.08	.08	.08	.11	.07	.34	.16	.13	.17	.14	.08	.09	.11		.04	.04	.06	.06	.08	.10	.10	.18	.13	.075		1.00

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-118.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

NITROGEN DIOXIDE
OCT. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	.03	.04	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.04	.03		.02	.03	.03	.04	.04	.04	.04	.03	.04	.031	23	.05
2	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.03	.02	.02	.02	.03	.03	.02	.022	23	.04
3*	.02	.02	.02	.02	.02	.02	.02	.02	.03	.05	.03	.02	.02	.02		.01	.02	.03	.04	.04	.04	.03	.03	.03	.026	23	.06
4*	.03	.03	.03	.03	.03	.03	.02	.01	.01	.01	.01	.02	.01	.01		.01	.02	.02	.02	.02	.02	.01	.01	.01	.017	23	.03
5	.01	.00	.00	.00	.00	.00	.00	.00	.00				.03	.03		.02	.03	.04	.04	.04	.05	.05	.05	.05	.022	20	.05
6	.05	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02		.02	.03	.04	.05	.05	.05	.05	.05	.05	.037	23	.06
7	.05	.03	.03	.03	.03	.03	.03	.03	.04	.05	.06	.04	.03	.03		.03	.04	.06	.06	.06	.05	.04	.04	.03	.040	23	.06
8	.04	.04	.03	.03	.03	.04	.04	.04	.05	.04	.03	.03	.03	.03		.04	.05	.06	.05	.04	.04	.04	.03	.02	.037	23	.06
9	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.03	.03	.03		.03	.03	.04	.04	.05	.04	.04	.04	.04	.029	23	.04
10*	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.02		.03	.03	.03	.04	.05	.05	.05	.05	.04	.035	23	.05
11*	.04	.04	.04		.03	.03	.03	.03	.03	.03	.02	.02	.02	.03			.03	.04	.05	.05	.05	.07	.07	.07	.038	21	.07
12	.06	.05	.05	.05	.05	.05	.05	.06	.06	.08	.04	.04	.03	.03		.04	.04	.05	.06	.07	.07	.07	.06	.06	.053	23	.09
13	.06	.05	.05	.04	.04	.04	.04	.05	.06	.06						.03	.05	.07	.09	.08	.08	.07	.07	.08	.057	19	.09
14	.08	.08	.07	.07	.07	.06	.07	.07	.13	.06	.08	.06	.03	.02		.02	.03	.06	.08	.06	.07	.10	.10	.10	.068	23	.20
15	.09	.08	.08	.06	.07	.07	.08	.08	.09	.13	.18	.10	.04	.02		.03	.05	.06	.07	.08	.07	.06	.07	.06	.075	23	.19
16	.05	.07	.07	.07	.07	.06	.07	.06	.06	.07		.06	.06	.06		.03	.05	.07	.07	.08	.08	.08	.08	.08	.066	24	.08
17*	.08	.08	.08	.08	.07	.07	.07	.07	.09	.11	.11	.06	.04	.03		.03	.03	.05	.09	.09	.08	.07	.07	.06	.070	23	.12
18*	.06	.06	.05	.06	.10	.09	.09	.08	.08	.09	.11	.11	.07	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.058	22	.12
19	.03	.02	.03	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02		.02	.03	.03	.04	.04	.03	.03	.03	.03	.028	23	.04
20	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.03	.02	.02	.03		.02	.02	.04	.04	.04	.04	.04	.04	.03	.032	23	.05
21	.03	.03	.03	.02	.03	.04	.03	.03	.03	.03	.02	.02	.02	.02		.02	.03	.04	.04	.03	.04	.04	.04	.03	.029	23	.04
22																											
23										.03	.04	.04	.04	.04		.04	.04	.04	.05	.05	.06	.06	.05	.05	.044	14	.06
24*	.06	.06	.06	.06	.06	.04	.04	.05	.06	.08	.08	.05	.03	.03		.03	.03	.04	.06	.06	.06	.06	.06	.06	.052	23	.09
25*	.06	.06	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.03	.04		.03	.03	.06	.09	.10	.09	.08	.09	.08	.059	23	.10
26	.09	.06	.06	.06	.06	.06	.08	.08	.07	.10	.11	.09	.06	.04		.03	.05	.08	.08	.08	.08	.09	.08	.07	.072	23	.12
27	.06	.06	.06	.05	.05	.05	.05	.05	.06	.08		.10	.03	.03		.04	.05	.08	.07	.07	.07	.07	.07	.07	.060	22	.16
28	.07	.06	.06	.06	.04	.05	.05	.06	.06	.07	.09	.07	.04	.03			.05	.06	.06	.05	.03	.02	.03	.03	.051	22	.11
29																											
30																											
31*	.07	.07	.06	.06	.05	.05	.06	.05	.05	.04	.04	.03	.03	.03			.03	.04	.05	.05	.06	.06	.06	.06	.049	24	.07
MEAN	.05	.05	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.03	.03		.03	.04	.05	.05	.05	.05	.05	.05	.05	.045		
NO.	27	27	27	26	27	27	27	27	27	27	24	26	27	27		24	28	28	28	28	28	28	28	28		621	
MAX.	.09	.08	.08	.08	.10	.09	.09	.08	.13	.13	.18	.11	.07	.06		.04	.05	.08	.09	.10	.09	.10	.10	.10	.075		.20

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-119.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1*	.07	.08	.08	.08	.08	.06	.06	.05	.05	.08	.07	.07	.07	.06		.03	.22		.16				.07	.07	.079	19	.30
2																											
3																											
4																											
5																											
6																											
7*	.05	.06	.06	.07	.07	.07	.07	.11	.13	.15	.17	.24	.20	.06	.05			.08	.08	.09	.08	.09	.10	.09	.098	24	.30
8*	.09	.08	.07	.07	.06	.06	.05	.06	.05	.06	.07	.08	.07	.05	.04				.09	.10	.07	.07	.07	.07	.066	21	.10
9	.06	.06	.05	.05	.05	.05	.05	.05	.07	.09	.13	.12	.06	.03			.05	.07	.08	.07	.07	.06	.06	.06	.065	22	.14
10	.04	.05	.05	.06	.06	.06	.07	.07	.08	.08						.04	.06	.08	.08	.08	.07	.06	.06	.05	.062	19	.09
11	.06	.04	.04	.04	.05	.05	.07	.07	.07	.07	.04	.03	.03	.03		.03	.06	.07	.06	.07	.06	.06	.05	.04	.050	23	.08
12	.04	.04	.03	.05	.04	.02	.04											.03	.03	.03	.02	.02	.03	.03	.031	14	.05
13	.03	.03	.03	.03	.03	.03	.03	.04				.02	.00			.02	.04	.05	.05	.06	.06	.07	.06	.06	.038	19	.07
14*	.05	.05	.05	.05	.06	.04	.07	.07	.05	.10	.09	.05	.04	.03		.03	.03	.05	.07	.07	.07	.08	.08	.06	.057	23	.13
15*	.06	.06	.05	.05	.05	.05	.04	.04	.04	.04	.05	.07	.03	.02			.03	.03	.03	.03	.03	.02	.02	.03	.039	24	.07
16	.03	.03	.04	.02	.02	.02	.02	.03	.03							.02	.03	.02	.02	.02	.02	.02	.02	.02	.023	18	.03
17	.02	.02	.02	.03	.03	.03	.03	.03	.04	.02	.03	.03	.02	.02		.03	.04	.04	.04	.03	.03	.03	.03	.02	.028	23	.04
18	.02	.02	.04	.01	.02	.02	.02	.02	.02	.02	.02		.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.02	.023	24	.03
19	.03	.02	.04	.02	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.03	.03	.02	.021	23	.03
20	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02		.02	.02	.02		.02	.02	.03	.02	.02	.02	.01	.02	.02	.018	24	.03
21*	.01	.02	.04	.02	.01	.01	.02	.02	.02	.02	.01	.01	.02	.02			.02	.03	.03	.03	.03	.03	.03	.03	.020	24	.03
22*																											
23																											
24										.08	.10	.09	.10	.08		.04	.05	.05	.05	.06	.06	.05	.07	.04	.064	14	.13
25	.04	.03	.03	.03	.02	.02	.02	.03	.02				.03	.03		.02	.02	.02	.03	.03	.03	.03	.03	.03	.027	20	.04
26	.04	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02		.02	.03	.04	.04	.04	.03	.03	.03	.03	.029	23	.05
27	.03	.04	.03	.04	.03	.03	.03	.03	.03	.03	.04	.04	.05	.04		.04	.05	.06	.06	.06	.05	.05	.04	.03	.040	23	.07
28*	.03	.02	.02	.01	.02	.03	.03	.03	.04	.03	.03	.03	.03	.02		.02	.02	.02	.03	.03	.03	.03	.03	.03	.025	23	.04
29*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.03	.03	.02	.02	.02	.02	.02	.02	.022	24	.03
30	.02	.02	.01	.02	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.04	.04	.04	.03	.03	.028	23	.04
MEAN	.04	.04	.03	.04	.04	.03	.04	.04	.04	.05	.05	.05	.04	.03		.03	.04	.04	.05	.05	.04	.04	.04	.04	.041		
NO.	22	22	22	22	22	22	22	21	20	19	17	18	20	19	2	16	20	21	23	22	22	24	23	23		484	
MAX	.09	.08	.08	.08	.08	.07	.07	.11	.13	.15	.17	.24	.20	.08	.05	.04	.22	.08	.16	.10	.08	.09	.10	.09	.098		.30

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-120.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
DEC. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03		.03	.03	.04	.04	.03	.03	.04	.03	.03	.034	23	.05
2	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.04	.04	.04	.03	.03	.04	.03	.03	.032	22	.04
3	.04	.02	.04	.03	.03	.03	.03	.04	.04				.03	.04			.04	.05	.05	.03	.03	.02	.02	.02	.032	19	.06
4	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03			.02	.02	.02	.02	.02	.02	.02	.02	.022	22	.03
5*	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.025	22	.03
6*	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02			.03	.03	.03	.03	.03	.03	.04	.03	.027	24	.04
7	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03	.02	.026	23	.04
8	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.027	23	.04
9	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.02	.02	.03	.03	.03	.03	.03	.03	.029	22	.04
10	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.02	.03	.03	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.027	23	.03
11	.03	.03	.02	.03	.03	.03	.03	.03	.03				.03	.03		.02	.02	.03	.03	.03	.02	.03	.02	.02	.026	20	.03
12*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.01	.02	.03	.03	.03	.03	.03	.03	.03	.022	23	.03
13*	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02		.01	.02	.02	.03	.03	.02	.03	.03	.01	.021	23	.03
14	.02	.02	.02	.03	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02		.02	.02	.03	.03	.02	.02	.02	.02	.01	.022	23	.03
15	.01	.02	.01	.01	.01	.01	.02	.02	.02								.01	.02	.02	.02	.02	.02	.02	.02	.016	17	.02
16	.02	.02	.02	.02	.02	.02	.02	.03	.03							.04	.03	.03	.03	.03	.03	.03	.03	.03	.026	18	.04
17	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.01	.022	23	.03
18	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.03	.03	.020	23	.04
19*	.03	.03	.03	.03	.03	.02	.03	.02	.02	.02	.02	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.02	.03	.027	23	.03
20*	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.03		.03	.03	.03	.04	.05	.04	.06	.06	.04	.029	23	.07
21	.05	.06	.05	.04	.04	.04	.04	.04	.04	.05	.04	.06	.04	.03		.03	.03	.04	.04	.03	.02	.02	.02	.02	.038	24	.07
22	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.02	.03	.025	23	.03
23	.02	.02	.02	.02	.02	.02	.02	.02				.02	.02	.02			.03	.03	.03	.03	.03	.03	.02	.02	.023	19	.04
24	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.03	.03	.02	.02	.02	.02	.02	.02	.021	23	.03
25	.02	.03	.02	.02	.02	.02	.02	.01	.02	.02	.01	.01	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.018	24	.03
26*	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.01	.01	.02	.02		.02	.02	.02	.02	.02					.019	19	.03
27*																											
28										.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.02	.02	.02	.02	.027	14	.03
29	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.04	.03	.04		.04	.05	.05	.05	.05	.04	.04	.04	.03	.032	23	.05
30	.02	.01	.01	.01	.01	.01	.02	.02	.03					.02		.02	.03	.03	.03	.02	.02	.02	.02	.02	.020	19	.03
31	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03		.03	.04	.04	.04	.03	.03	.03	.03	.03	.031	24	.04
MEAN	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.026		
NO.	29	29	29	29	29	29	29	29	28	44	24	25	27	28		22	30	30	30	30	29	29	29	29		646	
MAX.	.05	.06	.05	.04	.04	.04	.04	.04	.04	.05	.04	.06	.04	.04		.04	.05	.05	.05	.05	.04	.06	.06	.04	.038		.07

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 29 1968

Table 3-121.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	.08	.08	.08	.08	.09	.09	.09	.06	.07	.07	.07	.05	.05	.05	.05	.04	.04	.06	.06	.06	.06	.04	.04	.04	.062	24	.09
2	.04	.04	.04	.03	.03	.04	.04	.05	.05	.05	.05	.05	.04	.04	.08	.12	.15	.09	.13	.43	.11	.05	.03	.03	.075	24	.51
3	.02	.02	.01	.01	.01	.01	.01	.03	.03	.03	.03			.05	.04	.03	.04	.03	.02	.04	.04	.02	.01	.04	.025	22	.07
4*	.02	.03	.04	.03	.01	.01	.03	.04	.02	.01	.02	.03	.05	.03	.04	.05	.04	.03	.02	.02	.05	.04	.03	.04	.030	24	.07
5*	.06	.05	.07									.03	.03	.03	.04	.03	.03	.02	.02	.02	.02	.02	.03	.03	.033	16	.08
6	.04	.11	.04	.05	.10	.13	.07	.14	.04			.02	.04	.04	.05	.06	.06	.04	.03	.04	.04	.02	.02	.02	.054	22	.24
7	.02	.02	.02	.02	.01	.02	.02	.02	.03	.03	.03	.03	.03	.08	.05	.10		.04	.04	.03	.03	.13	.08	.07	.040	23	.17
8	.05	.06	.04	.06	.08	.05	.05	.05	.06	.05	.04	.04	.04	.03	.03	.12	.09	.03	.03	.04	.04	.04	.04	.03	.049	24	.14
9	.03	.02	.02	.02	.11					.03	.02	.02	.02	.05	.02	.02	.01	.01	.02	.03	.02	.02	.01	.00	.025	20	.22
10	.01	.02	.02	.02	.02	.02	.02	.04	.05	.03	.03	.05	.05	.05	.04	.03	.02	.01	.00	.01	.01	.01	.05	.05	.026	24	.13
11*	.05	.05	.06	.03	.02	.06	.05	.04	.04	.07	.09	.04	.02	.01	.01	.06	.08	.03	.01	.01	.03	.04	.06	.05	.042	24	.11
12*	.04	.04	.05	.05	.04	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.03	.03	.03	.024	24	.05
13	.03	.03	.03	.03	.03	.03	.05	.05	.06	.06	.04			.02			.05	.05	.04	.04	.04	.05	.05	.04	.040	20	.11
14																											
15																											
16	.03	.03	.06	.05	.05	.05	.06	.08	.08	.07			.06	.06	.04	.04	.05	.05	.03	.02	.02	.02	.02	.02	.044	22	.08
17	.02	.02	.02	.09	.07	.05	.04	.06	.16	.12		.04	.04	.04	.03										.057	14	.25
18*		.02	.02	.02	.02	.04	.07	.07	.09	.13	.10	.07	.06	.07	.08	.07	.03	.02	.03	.03	.05	.05	.04	.03	.052	23	.17
19*	.04	.03	.03	.03	.03	.03	.03	.03	.01	.02	.01	.03	.03	.04	.04	.02	.01	.01	.00	.00	.00	.00	.00	.00	.019	24	.11
20	.00	.01	.03	.02	.02	.08	.03	.01	.01		.00	.01	.01	.01			.00	.00	.01	.03	.10	.10	.10	.08	.030	21	.13
21	.08	.06	.02	.02	.02	.04	.06	.06	.06	.06	.05	.04	.04	.04	.04	.05	.04	.04	.15	.07	.13	.12	.21	.13	.068	24	.35
22	.05	.03	.03	.04	.04	.05	.06	.08	.07	.06			.03	.03	.16	.02	.01	.01	.02	.01	.02	.02	.02	.01	.039	22	.29
23	.02	.02	.02	.04	.05	.02	.05	.21	.16		.04	.05	.05	.04	.06	.10	.05	.09	.06	.01	.02	.02	.01	.01	.051	23	.33
24	.02	.03	.02	.02	.01	.03	.06	.11	.06	.05	.05	.04	.02	.02	.01		.01	.01	.00	.00	.01	.00	.10	.11	.034	23	.29
25*	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.002	24	.04
26*	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.01	.00	.01	.01	.00	.01	.00	.00	.005	24	.03
27	.01	.03	.01	.02	.01	.01	.03	.03	.04			.04	.06	.06	.02	.01	.03	.02	.01	.03	.04	.01	.01	.01	.024	22	.08
28	.01	.02	.02	.02	.02	.02	.03	.02	.03	.04	.04	.03	.02	.02	.02	.02	.02	.02	.01	.02	.03	.02	.02	.04	.023	24	.07
29	.02	.03	.06	.06	.04	.05	.09	.04	.05	.05	.04	.03	.09	.12	.04	.01	.02	.02	.11	.03	.04	.04	.04	.05	.047	24	.26
30	.05	.04	.03	.03	.04	.06	.06	.06	.07		.15	.10	.22	.08	.06	.06	.07	.03	.03	.04	.04	.03	.03	.05	.061	23	.39
31	.04	.04	.02	.03	.03	.04	.05	.07	.06	.14	.16	.09	.09	.10	.07	.04	.02	.02	.02	.09	.15	.01	.01	.01	.057	24	.28
MEAN	.03	.03	.03	.03	.04	.04	.04	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.03	.03	.04	.04	.03	.04	.04	.039		
NO.	28	29	29	28	28	27	27	27	27	23	23	25	27	29	27	25	27	28	28	28	28	28	28	28		654	
MAX.	.08	.11	.08	.09	.11	.13	.09	.21	.16	.13	.16	.10	.22	.12	.16	.12	.15	.09	.15	.43	.15	.13	.21	.13	.075		.51

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-122.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

SULFUR DIOXIDE
FEB. 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

Cincinnati, Ohio 45...

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX.
1*	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.00	.00	.01	.01	.02	.01	.01	.01	.011	24	.03
2*	.01	.01	.02	.02	.02	.03	.03	.02	.02	.03	.02	.01	.01	.01	.01	.00	.00	.01	.01	.02	.03	.02	.01	.01	.016	24	.04
3	.01	.01	.01	.02	.02	.03	.03	.05	.05	.05		.02	.03	.03	.03	.04	.03	.02	.02	.03	.04	.05	.08	.09	.033	23	.10
4	.09	.06	.06	.05	.05	.07	.10	.12	.11	.13	.13		.07	.03	.03	.02	.02	.01	.03	.02	.02	.03	.04	.04	.057	23	.18
5	.03	.04	.02	.03	.04	.05	.07	.05	.06	.09	.12	.15	.05	.05	.12	.05	.03	.01	.01	.01	.01	.01	.01	.02	.047	24	.28
6	.02	.02	.01	.01	.00	.00	.01	.01	.02	.02	.03	.01		.02	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.014	23	.04
7	.02	.01	.01	.01	.00	.00	.01	.00	.00	.00	.01	.01	.02	.02	.02		.01	.01	.02	.01	.02	.03	.01	.00	.010	23	.04
8*	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.03	.02	.01	.01	.02	.01	.01	.02	.04	.03	.04	.03	.01	.014	24	.06
9*	.00	.01	.01	.04	.05	.02	.02	.01	.01	.01	.01	.02	.01	.02	.02	.01	.05	.03	.02	.03	.03	.02	.02	.03	.020	24	.13
10	.04	.04	.04	.02	.01	.02	.03	.04	.02			.03	.03	.03	.03	.03	.03	.04	.03	.04	.04	.03	.02	.02	.030	22	.05
11	.02	.02	.03	.04	.09	.04	.07	.06	.07	.10	.08	.06	.06	.05	.04	.03	.02	.02	.02	.02	.02	.02	.03	.04	.040	24	.12
12	.06	.08	.11	.14	.10	.11	.10	.12	.26	.09	.06	.06	.04	.03	.02	.02	.02	.02	.03	.03	.03	.02	.03	.08	.070	24	.68
13	.09	.02	.04	.08	.15	.04	.03	.03	.03	.03	.03	.04	.03	.05	.03	.03	.03	.03	.02	.01	.01	.02	.03	.01	.038	24	.26
14	.01	.01	.01	.02	.02	.02	.03	.02	.04	.05	.04	.03	.02	.02		.03	.06	.04	.02	.02	.04	.07	.10	.02	.032	23	.17
15*	.02	.02	.04	.06	.05	.04	.05	.06	.07	.05	.04	.04	.04	.03	.02	.02	.01	.01	.05	.02	.02	.14	.02	.01	.038	24	.23
16*	.01	.01	.01	.02	.03	.03	.03	.04	.03	.02	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.03	.05	.03	.018	24	.05
17	.02	.02	.04	.05	.04	.05	.07	.10	.07			.04	.05	.10	.08	.08	.06	.07	.01	.03	.05	.06	.02	.03	.052	22	.23
18	.03	.05	.05	.05	.04	.04	.04	.06	.07	.07	.07	.10	.10	.09	.05	.04	.04	.06	.05	.06	.08	.08	.03	.02	.055	24	.12
19	.03	.04	.04	.05	.05	.06	.07	.05	.05	.05	.05	.05	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.039	24	.07
20	.02	.01	.01	.01	.01	.01	.01	.02	.02	.03	.02	.02	.02		.03	.02	.02	.02	.02	.02	.01	.01	.01	.02	.017	23	.04
21	.02	.02	.02	.02	.02	.01	.01	.02	.04	.04	.06	.05	.04	.04	.02	.03	.02	.02	.02	.02	.02	.03	.01	.02	.025	24	.07
22*	.02	.03	.03	.02	.02	.02	.03	.02	.02	.03	.02	.03	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01	.03	.03	.020	24	.04
23*	.04	.08	.05	.02	.02	.02	.02	.05	.07	.06	.05	.03	.05	.09	.04	.02	.02	.02	.02	.02	.02	.02	.02	.01	.035	24	.15
24	.02	.02	.01	.01	.01	.01	.03	.05	.07			.02	.02	.03		.00	.00	.04	.05	.03	.04	.05	.03	.04	.027	21	.09
25	.05	.04	.02	.03	.03	.04	.04	.06	.06	.25	.13	.09	.02	.02	.02	.01	.02	.04	.05	.03	.04	.02	.02	.01	.048	29	.37
26	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03	.03	.01	.02	.03	.02	.01	.01	.01	.01	.01	.016	24	.04
27	.01	.01	.01	.01	.01	.02	.04	.05	.06	.04	.09	.03	.02	.03	.01	.02	.01	.01	.01	.03	.04	.03	.04	.04	.027	24	.27
28	.04	.04	.04	.06	.08	.06	.08	.14	.14	.13			.04	.05	.03	.02	.02	.03	.03	.03	.04	.04	.04	.03	.053	22	.15
29*	.02	.02	.05	.04	.01	.01	.08	.11	.10	.09	.05	.03	.02	.01	.01	.05	.13	.12	.06	.01	.01	.02	.01	.02	.045	29	.32
MEAN	.03	.03	.03	.03	.03	.03	.04	.05	.06	.06	.05	.04	.03	.03	.03	.02	.03	.03	.02	.02	.03	.03	.03	.03	.033	681	
NO.	29	29	29	29	29	29	29	29	29	26	24	27	28	28	27	28	29	29	29	29	29	29	29	29			
MAX.	.09	.08	.11	.14	.15	.11	.10	.14	.26	.25	.13	.15	.10	.10	.12	.08	.13	.12	.06	.06	.08	.14	.10	.09	.070		.68

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 21 1968

Table 3-123.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

SULFUR DIOXIDE
MARCH 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1*	.03	.05	.04	.01	.01	.01	.12	.16	.04	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.028	24	.21
2	.01	.01	.01	.01	.02	.05	.03	.03	.19			.07	.04	.02	.01	.02	.02	.02	.04	.02	.01	.00	.01	.01	.028	22	.27
3	.01	.08	.09	.07	.03	.03	.03	.07	.05	.04	.02	.02	.01	.01	.02	.04	.06	.02	.02	.02	.02	.02	.02	.02	.034	24	.18
4	.02	.01	.02	.04	.01	.02	.03	.04	.02	.04	.02	.03	.02	.02	.01	.01	.02	.01	.00	.01	.01	.01	.01	.00	.017	24	.08
5	.01	.00	.00	.00	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.06	.03	.02	.02	.012	24	.08
6	.04	.04	.06	.08	.07	.05	.08	.09	.10	.09	.04	.04	.09	.06	.05	.02	.02	.01	.01	.02	.02	.02	.02	.02	.048	24	.17
7*	.12	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.01	.00	.021	24	.20
8*	.00	.01	.01	.01	.01	.02	.02	.01	.01	.01	.02	.02	.03	.01	.02	.06	.07	.19	.08	.01	.01	.01	.05	.08	.031	24	.41
9																											
10																											
11																											
12																											
13	.00	.00	.01	.04	.01	.00	.01	.02	.01		.04	.03	.03	.03	.08	.04	.13	.08	.05	.03	.04	.03	.03	.03	.032	23	.24
14*	.09	.22	.09	.02	.06	.06	.10	.10	.04	.04	.16	.24	.25	.09	.05	.09	.07	.04	.04	.05	.04	.04	.04	.03	.085	24	.37
15*	.03	.03	.03	.03	.04	.04	.04	.04	.05	.06	.06	.05	.04	.05	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05	.040	24	.08
16	.08	.07	.06	.06	.06	.08	.10	.11	.07				.04	.04	.04	.03	.02	.03	.03	.03	.02	.02	.02	.02	.047	21	.14
17	.02	.02	.02	.03	.02	.02	.03	.04	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.025	24	.04
18	.03	.02	.03	.03	.02	.02	.03	.03	.05	.04	.03	.04	.05	.04	.03	.02	.02	.02	.03	.03	.03	.04	.04	.05	.031	24	.06
19	.05	.03	.02	.02	.02	.01	.02	.03	.04	.03	.03	.02	.02	.02	.02	.01	.02	.02							.023	18	.06
20	.00										.06	.06	.05	.05	.03	.02	.03	.02	.04	.05	.03	.03	.03	.07	.037	15	.14
21*	.02	.01	.01	.01	.02	.02	.03	.04	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.03	.03	.03	.03	.024	24	.06
22*	.02	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.03	.04	.03	.02	.03	.03	.04	.03	.026	24	.09
23	.03	.04	.07	.06	.03	.02	.03	.05	.04		.10	.06	.04	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.036	23	.12
24	.02	.02	.03	.03	.04	.10	.07	.04	.03	.03	.02	.02	.02	.01	.02	.02	.01	.01	.03	.09	.02	.16	.12	.02	.040	24	.29
25	.19	.14	.21	.18	.09	.04	.05	.06	.05	.02	.01	.02	.03	.03	.03	.05	.02	.01	.01	.01	.05	.02	.01	.08	.058	24	.29
26	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.03	.019	24	.05
27	.03	.02	.03	.03	.03	.03	.03	.03	.05	.06	.06	.03	.03	.06	.04	.05	.04	.07	.04	.03	.03	.03	.03	.02	.036	24	.14
28*	.03	.02	.03	.03	.03	.03	.04	.03	.05	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.03	.028	24	.06
29*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.04	.03	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.022	24	.06
30	.02	.02	.03	.03	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.025	24	.05
31	.03	.03	.04	.04	.03	.06	.06	.04					.03	.02	.03	.02	.03	.03	.03	.03	.03	.02	.02	.04	.032	20	.10
MEAN	.04	.04	.04	.03	.03	.03	.04	.04	.04	.03	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.033		
NO.	27	26	26	26	26	26	26	26	29	21	24	25	27	27	27	27	27	27	26	26	26	26	26	26		622	
MAX.	.19	.22	.21	.18	.09	.10	.12	.16	.19	.09	.18	.24	.25	.09	.08	.09	.13	.19	.08	.09	.06	.16	.12	.08	.085		.41

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-124.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

SULFUR DIOXIDE
APRIL 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX.
1	.04	.03	.04	.03	.03	.04	.03	.03	.04	.06	.08	.05	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.033	24	.13
2											.01	.03	.03	.03	.03	.04	.03	.04	.04	.03	.02	.02	.03	.02	.029	14	.04
3											.02	.02	.02	.02		.03	.02	.02	.02	.02	.03	.02	.02	.02	.021	23	.03
4*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.04	.03	.06	.04	.05	.03	.04	.12	.06	.04	.03	.02	.046	24	.14
5*	.02	.03	.04	.04	.04	.05	.06	.05	.05	.05	.07	.07															
6	.02	.02	.01	.01	.11	.16	.03	.03	.04			.01	.01	.01	.02	.03	.04	.01	.02	.04	.03	.03	.07	.16	.039	24	.32
7	.03	.02	.02	.02	.05	.03	.02	.10	.05	.03	.02	.02	.01	.02	.01	.02	.01	.03	.02	.02	.01	.02	.01	.01	.025	24	.16
8	.01	.01	.01	.01	.01	.01	.01	.01			.02	.02	.03	.03	.02	.03	.02	.04	.02	.02	.02	.01	.02	.03	.018	22	.07
9	.04	.05	.03	.02	.02	.04	.06	.06	.04		.02	.02	.02	.04	.04	.04	.03	.03	.04	.03	.03	.03	.03	.03	.033	23	.06
10	.05	.04	.06	.07	.07	.14	.15	.15	.11	.08	.03	.03	.04	.03	.02	.02									.067	16	.29
11*												.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.01	.02	.02	.017	13	.07
12*	.10	.04	.03	.03	.02	.04	.03	.02	.14	.02	.02	.02	.02	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.031	24	.20
13	.02	.02	.02	.02	.01	.01	.01	.10	.02		.18	.35	.31	.24	.08	.11	.04	.14	.12	.13	.03	.05	.06	.04	.092	23	.47
14	.04	.04	.05	.05	.05	.05	.06	.05	.03	.02	.02	.01			.01	.01	.01	.01	.03	.03	.04	.03	.02	.02	.031	22	.07
15	.02	.02	.02	.03	.03	.03	.05	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.06	.025	24	.09
16	.04	.03	.04	.05	.03	.03	.04	.06							.02	.04	.00	.01	.01	.04	.11	.30	.17	.08	.060	18	.36
17	.02	.01	.01	.01	.01	.03	.08	.08	.03	.02	.01	.01	.01	.02	.02	.01	.01	.01	.00	.02	.01	.01	.01	.00	.019	24	.11
18*	.00	.00	.01	.00	.06	.15	.03	.02	.07	.03	.02	.01	.02	.02	.01	.05	.01	.01	.01	.02	.01	.02	.01	.00	.023	24	.22
19*	.00	.00	.02	.01	.01	.03	.02	.06	.03	.02	.03	.02	.02	.09	.23	.05	.03	.03	.05	.05	.01	.01	.00	.01	.032	24	.37
20	.02	.07	.03	.01	.04	.03	.02	.18	.14		.01	.00	.00	.01	.01	.01	.03	.03	.03	.03	.03	.02	.02	.02	.034	23	.27
21	.02	.02	.01	.02	.01	.08	.04	.09	.03	.01	.01	.01	.08	.20	.07	.16	.04	.02	.00	.02	.00	.00	.03	.00	.040	24	.49
22	.00	.00	.02	.00	.01	.00	.03	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.02	.01	.008	24	.09
23	.01	.02	.01	.00	.01	.04	.03	.08	.08	.01	.01	.03	.00	.01	.04	.05	.02	.01	.01	.01	.01	.01	.01	.01	.021	24	.16
24	.01	.01	.00	.00	.01	.02	.01	.02	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.007	24	.02
25*	.00	.00	.01	.01	.02	.02	.03	.03	.03	.03	.02	.02	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.02	.014	24	.03
26*	.02	.01	.02	.02	.02	.03	.06	.09	.03	.02	.02	.01	.00	.01	.02	.04	.01	.06	.02	.01	.01	.01	.01	.01	.022	24	.11
27	.01	.01	.01	.01	.01	.01	.01	.04	.03	.03		.02	.02	.02	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.015	23	.07
28	.00	.01	.02	.01	.03	.02	.03	.05	.06	.03	.12	.10	.10	.11	.15	.16	.02	.17	.01	.04	.00	.00	.01	.00	.061	24	.67
29	.02	.02	.03	.00	.01	.02	.02	.03	.03	.03	.05	.03	.01	.05		.01	.02	.01	.04	.03	.02	.02	.03	.01	.022	25	.23
30	.03	.03	.05	.02	.00	.00	.02	.04	.02	.01	.04	.02	.00	.03	.00	.00	.01	.08	.01	.01	.01	.00	.00	.01	.019	24	.26
MEAN	.02	.02	.02	.02	.03	.04	.04	.05	.04	.03	.03	.03	.03	.04	.04	.04	.03	.03	.02	.03	.02	.03	.03	.02	.031	649	
NO.	27	27	27	27	27	27	27	27	25	21	25	28	27	27	27	29	28	28	28	28	28	28	28	28			
MAX.	.10	.07	.06	.07	.11	.16	.15	.18	.14	.08	.18	.35	.31	.24	.23	.16	.20	.17	.12	.13	.11	.30	.17	.16	.092		.67

TABULATED MON., DEC. 2, 1968

* Indicates Saturday or Sunday
Local standard time used

Table 3-125.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX.
1	.00	.00	.01	.01	.01	.01	.01	.03	.04	.02	.01	.00	.01	.00	.01	.00	.00	.00	.00	.00	.01	.01	.01	.00	.007	24	.03
2*	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.03	.01	.006	24	.04
3*	.06	.04	.00	.00	.00	.00	.00	.00	.00	.00	.04	.03	.02	.00	.00	.00	.00	.01	.01	.00	.00	.00	.01	.01	.009	24	.12
4	.00	.00	.01	.00	.01	.01	.01	.09	.18	.11	.02		.00	.01	.00	.04	.00	.01	.02	.00	.00	.01	.02	.01	.024	23	.42
5	.01	.01	.01	.01	.01	.01	.01	.03	.11	.06	.15	.04	.04	.00	.06	.09	.03	.03	.00	.00	.00	.01	.00	.01	.030	24	.24
6	.01	.02	.01	.02	.01	.02	.02	.12	.18	.02	.00	.02	.08	.27	.08	.06	.02	.04	.08	.21	.07	.09	.00	.02	.061	24	.50
7	.07	.09	.00	.00	.01	.10	.09	.23	.08	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.06	.03	.00	.033	24	.37
8	.00	.03	.05	.03	.00	.01	.02	.11	.08	.04	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.015	24	.25
9*																											
10*																											
11																											
12	.02	.02	.02	.02	.02	.02	.02	.02	.02					.00	.00	.01	.01	.00	.01	.02	.03	.00	.00	.00	.012	20	.03
13	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.05	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.007	24	.11
14	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00		.01	.01	.01	.01	.01	.01	.02	.02	.02	.006	22	.02
15	.01	.01	.01	.02	.01	.01	.01	.03	.10	.14	.08	.05	.05	.18	.10	.04	.05	.09	.00	.00	.00	.00	.06	.05	.045	24	.28
16*	.00	.00	.00	.00	.00	.00	.03	.07	.03	.04	.01	.00	.00	.01	.01	.00	.00	.00	.01	.02	.02	.02	.01	.01	.012	24	.10
17*	.03	.03	.03	.03	.02	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.03	.02	.018	24	.04
18	.02	.02	.02	.02	.04	.03	.04	.07	.24			.00	.01	.01	.01	.01	.01	.02	.01	.01	.00	.00	.01	.03	.027	22	.55
19	.02	.02	.01	.02	.04	.02	.03	.03	.04	.02	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.011	24	.05
20	.06	.02	.01	.01	.01	.02	.03	.02	.02	.01	.02	.03	.02	.03	.03	.02	.02	.02	.01	.01	.01	.01	.01	.01	.018	24	.09
21	.01	.01	.01	.02	.04	.03	.04	.04	.05	.05		.17	.30	.14	.11	.06	.08	.03	.02	.02	.02	.02	.02	.02	.056	23	.84
22	.02	.02	.02	.03	.02	.02	.02	.04	.04	.06	.05	.02	.03	.05	.03	.02	.01	.00	.06	.02	.02	.02	.04	.04	.028	24	.12
23*	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.017	24	.04
24*	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.03	.04	.03	.02	.01	.015	24	.05
25	.02	.02	.03	.05	.03	.04	.03	.05	.03	.02		.02	.01	.01	.01	.01	.01	.02	.03	.06	.04	.02	.02	.06	.026	23	.13
26	.02	.02	.02	.03	.02	.02	.02	.03	.03	.04	.02	.02	.02	.02	.01	.02	.03	.04	.02	.01	.02	.02	.03	.03	.023	24	.08
27	.02	.01	.01	.02	.02	.04	.04	.03	.03	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.03	.05	.04	.04	.024	24	.06
28	.07	.07	.07	.06	.06	.05	.05	.05	.04	.04					.02	.03	.02	.02	.02	.02	.03	.04	.06	.04	.043	20	.09
29	.04	.03	.02	.03	.04	.03	.04	.04	.04	.03	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.020	24	.07
30*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.012	24	.02
31*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.04	.05	.05	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.015	24	.06
MEAN	.02	.02	.01	.02	.02	.02	.02	.04	.05	.03	.03	.02	.03	.03	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.022		
NO.	28	28	28	28	28	28	28	28	27	26	23	25	26	27	27	28	28	28	28	28	28	28	28	28		651	
MAX.	.07	.09	.07	.06	.06	.10	.09	.23	.24	.14	.15	.17	.30	.27	.11	.09	.08	.09	.08	.21	.07	.09	.06	.06	.061		.84

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-126.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTIOMETRIC ANALYSIS

CINCINNATI, OHIO

SULFUR DIOXIDE
JUNE 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01	.02	.02	.02	.02	.02	.03	.03	.03	.02	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.017	24	.05
2	.01	.01	.02	.02	.02	.02	.03	.03	.03	.02	.02	.03	.02	.02	.02	.02	.02	.09	.13	.02	.11	.09	.03	.04	.036	24	.28
3	.03	.03	.03	.03	.02	.01	.01	.03	.03	.02	.02	.01	.02	.02	.02	.03	.03	.02	.01	.01	.01	.02	.03	.03	.020	24	.06
4	.02	.03	.07	.07	.03	.08	.07	.11	.08	.06	.05	.07	.04	.01	.01	.02	.02	.02	.01	.01	.01	.02	.02	.03	.039	24	.14
5	.02	.02	.02	.02	.02	.03	.03	.03	.03	.08	.05	.02	.02	.01	.02	.02	.04	.06	.06	.02	.03	.03	.03	.02	.030	24	.12
6*	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.018	24	.04
7*	.02	.01	.01	.01	.01	.03	.02	.05	.05	.04	.06	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03		.02	.025	23	.17
8	.04	.04	.03	.02	.04	.05	.09	.06	.03	.04	.02	.02	.02	.03	.03	.02	.02	.02	.03	.08	.10	.21	.25	.16	.059	24	.34
9	.08	.03	.13	.14	.05	.07	.09	.05	.03			.01	.02	.02	.03	.03	.02	.05	.09	.23	.40	.03	.01	.02	.072	22	.62
10	.06	.01	.01	.01	.01	.01	.02	.04	.03	.02	.01		.01	.01	.01	.01	.01	.00	.01	.01	.01	.02	.02	.02	.014	23	.47
11	.02	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	24	.06
12	.01	.02	.04	.02	.05	.03	.05	.06	.05	.05	.05	.07	.08	.07	.04	.02	.05	.03	.07	.27	.20	.10	.06	.00	.060	24	.45
13*	.01	.00	.01	.01	.02	.01	.00	.01	.03	.05	.01	.01	.00	.01	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00	.009	24	.08
14*	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02	.01	.01	.00	.00	.00	.00	.00	.01	.02	.006	24	.02
15	.03	.02	.01	.01	.01	.01	.01	.01	.02	.01	.02	.01	.01	.01	.00	.00	.00	.00	.02	.01	.00	.01	.01	.00	.010	24	.04
16																											
17																											
18	.01	.01	.01	.01	.01	.01	.01	.09	.02	.01	.01	.01	.00	.03	.01	.02	.02	.02	.02	.03	.01	.01	.01	.01	.015	24	.32
19	.04	.06	.05	.03	.02	.01	.00	.01	.03	.02	.01	.01	.01	.00	.01	.03	.02	.02	.02	.02	.13	.07	.03	.03	.028	24	.24
20*	.02	.01	.02	.02	.01	.01	.01	.03	.03	.06	.06	.06	.03	.01	.00	.02	.01	.00	.01	.00	.02	.03	.01	.00	.020	24	.12
21*	.00	.00	.00	.00	.00	.02	.03	.02	.01	.01	.00	.02	.01	.00	.05	.07	.02	.00	.00	.00	.00	.00	.00	.01	.011	24	.22
22	.00	.00	.00	.00	.00	.00	.01	.01	.03	.15	.26	.11	.09	.05	.01	.01	.02	.00	.00	.01	.01	.01	.01	.05	.035	24	.32
23	.03	.01	.00	.01	.00	.00	.08	.07	.02	.02	.02	.02	.02	.01			.00	.00	.03	.01	.00	.00	.00	.03	.017	22	.21
24	.02	.02	.04	.01	.01	.01	.02	.01	.01	.00	.00	.00	.00	.00	.01	.00	.01	.01	.00	.00	.01	.01	.01	.03	.009	24	.06
25	.02	.01	.04	.01	.01	.01	.03	.03	.03	.04	.01	.01	.00	.00	.00	.01	.01	.01	.00	.00	.00	.01	.01	.01	.011	24	.05
26	.01	.01	.01	.01	.01	.01	.01	.04	.05	.04	.05	.03	.02	.02	.01	.01	.01	.03	.01	.00	.00	.01	.01	.01	.016	24	.08
27*	.01	.01	.01	.01	.01	.02	.02	.03	.04	.03	.01	.01	.02	.01	.01	.01	.00	.00	.00	.00	.00	.01	.01	.00	.011	24	.05
28*	.00	.00	.01	.01	.01	.01	.01	.02	.02	.02	.06	.07	.03	.01	.01	.01	.00	.00	.00	.00	.00	.01	.01	.01	.014	24	.08
29	.01	.02	.02	.02	.02	.02	.03	.05	.04	.03	.07	.03	.02	.03	.02	.01	.00	.02	.02	.01	.01	.01	.01	.01	.022	24	.19
30	.01	.01	.00	.00	.01	.01	.02	.04	.13	.21	.28	.05	.05	.11	.02	.01	.00	.00	.00	.01	.01	.01	.05	.01	.042	24	.61
MEAN	.02	.02	.04	.02	.02	.02	.03	.03	.03	.04	.04	.03	.02	.02	.02	.02	.01	.02	.02	.03	.04	.03	.03	.02	.024		
NO.	23	28	28	28	28	28	28	28	28	27	27	27	28	28	27	27	28	28	28	28	28	28	27	28		666	
MAX.	.08	.06	.13	.14	.05	.08	.09	.11	.13	.21	.28	.11	.09	.11	.05	.07	.05	.09	.13	.27	.40	.21	.25	.16	.072		.62

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 21 1968

Table 3-127.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

SULFUR DIOXIDE
JULY 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1	.10	.03		.02	.02	.05	.07	.04	.04	.05		.02	.09	.01	.02	.13	.17	.18	.08	.03	.01	.01	.01	.01	.053	24	.58
2	.03	.06	.01	.01	.01	.01	.02	.02	.03	.05	.02	.02	.01	.02	.02	.05	.04	.04	.02	.00	.01	.00	.01	.01	.021	24	.13
3	.01	.01	.01	.00	.00	.00	.00	.02	.03	.25	.11	.03	.03	.07	.07	.02	.01	.02	.01	.04	.03	.00	.00	.00	.032	24	.39
4*	.00	.00	.00	.01	.00	.00	.01	.01	.00	.00	.00	.01	.01	.02	.01	.00	.00	.00	.01	.01	.01	.02	.02	.02	.007	24	.10
5*	.01	.01	.00	.01	.01	.01	.02	.05	.07	.04	.01	.01	.00	.01	.00	.01	.00	.01	.00	.00	.01	.03	.04	.05	.016	24	.10
6	.04	.04	.03	.02	.03	.04	.02	.06	.06	.04	.01	.02	.09	.04	.05	.00	.02	.02	.01	.01	.04	.04	.02	.01	.030	24	.22
7	.01	.01	.02	.05	.03	.02	.02	.01	.03	.02	.05	.02	.01	.08	.07	.07	.03	.06	.02	.01	.01	.02	.04	.01	.030	24	.33
8	.02	.04	.03	.04	.04	.03	.08	.18	.08	.02			.01	.03	.01	.01	.02	.02	.04	.02	.01	.01	.01	.03	.033	24	.22
9	.02	.02	.02	.01	.01	.02	.02	.01	.01	.04	.04	.02	.02	.01	.01	.01	.00	.03	.01	.07	.14	.15	.05	.03	.032	24	.61
10	.02	.02	.02	.03	.02	.02	.03	.05	.09	.03	.03	.02	.04	.02	.02	.01	.01	.01	.01	.01	.03	.04	.02	.02	.022	24	.16
11*	.02	.02	.04	.02	.02	.02	.03	.04	.05	.08	.04	.04	.03	.05	.05	.05	.04	.02	.02	.01	.01	.01	.01	.01	.029	24	.17
12*	.02	.01	.01	.01	.02	.02	.01	.01	.01	.02	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.05
13	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.04	.05	.05	.03	.02	.02	.01	.02	.02	.01	.02	.01	.017	24	.06
14	.01	.01	.02	.04	.01	.03	.03	.04	.04			.02	.03	.03	.02	.01	.02	.01	.01	.02	.02	.01	.02	.04	.019	22	.16
15	.04	.02	.01	.01	.02	.02	.06	.06	.06	.03	.01	.01	.04	.01	.01	.00	.00	.00	.01	.00	.00	.00	.00	.01	.017	24	.13
16	.01	.00	.00	.01	.01	.02	.03	.05	.10	.03	.02	.06	.02	.01	.01	.00	.01	.00	.00	.00	.00	.00	.01	.01	.017	24	.21
17	.01	.01	.01	.01	.01	.01	.01	.02	.07	.09	.05	.12	.08	.01	.08	.01	.01	.03	.03	.06	.02	.01	.00	.00	.032	24	.27
18*	.00	.00	.00	.02	.01	.01	.01	.01	.01	.02	.02	.05	.04	.01	.00	.02	.00	.02	.03	.15	.13	.08	.11	.11	.035	24	.24
19*	.09	.07	.07	.07	.06	.04	.03	.03	.04	.04	.04	.03	.02	.04	.04	.03	.02	.02	.01	.06	.03	.02	.02	.01	.039	24	.10
20	.01	.00	.00	.01	.01	.01	.02	.02	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.04
21	.01	.01	.01	.01	.02	.02	.02	.04	.06	.08	.06	.04	.04	.03	.01	.01	.01	.02	.01	.01	.00	.00	.00	.01	.021	24	.12
22	.01	.01	.02	.02	.01	.01	.02	.04	.05	.05	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.017	24	.06
23	.00	.00	.00	.00	.00	.01	.01	.01	.01			.04	.02	.01	.02	.02	.02	.04	.05	.02	.02	.03	.03	.03	.018	22	.13
24	.02	.02	.01	.01	.01	.02	.03	.03	.04	.02		.02	.03	.04	.03	.04	.04	.02	.02	.01	.01	.02	.02	.03	.021	23	.04
25*	.03	.02	.02	.03	.02	.02	.03	.03	.04	.05	.09	.30	.13	.05	.06	.06	.09	.05	.04	.03	.02	.02	.02	.02	.051	24	.41
26*	.01	.02	.02	.02	.01	.02	.02	.02	.02	.03	.03	.07	.05	.03	.05	.02	.02	.02	.01	.09	.03	.02	.02	.02	.027	24	.30
27	.02	.01	.01	.01	.02	.02	.02	.02	.02	.05	.17	.07	.03	.02	.02	.03	.04	.03	.02	.02	.02	.02	.03	.02	.031	24	.29
28	.04	.03	.04	.03	.05	.03	.08	.03	.02	.04	.06	.05	.03	.02	.04	.02	.01	.05	.10	.11	.05	.05	.05	.02	.043	24	.17
29	.01	.01	.01	.01	.01	.03	.04	.04	.08	.04	.02	.02	.02	.02	.01	.02	.02	.02	.01	.02	.02	.03	.06	.08	.026	24	.10
30	.09	.08	.04	.05	.07	.08	.08	.05	.03	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.036	24	.10
31	.02	.02	.01	.02	.02	.02	.03	.03	.03	.03	.04	.05	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.024	24	.07
MEAN	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04	.04	.03	.03	.03	.02	.02	.03	.02	.03	.02	.02	.02	.02	.026		
NO	31	31	30	31	31	31	31	31	31	29	26	30	31	31	31	31	31	31	31	31	31	31	31	31		739	
MAX	.10	.08	.07	.07	.07	.08	.08	.18	.10	.25	.17	.30	.13	.08	.08	.13	.17	.18	.10	.15	.14	.15	.11	.11	.093		.61

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-128.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CINCINNATI, OHIO

SULFUR DIOXIDE
AUG. 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1*	.02	.02	.02	.02	.03	.06	.11	.14	.07	.05	.08	.07
2*	.03	.01	.01	.02	.02	.03	.03	.04	.06	.07	.05	.02
3	.03	.04	.07	.06	.04	.08	.06	.09	.07	.08	.11	.09
4	.02	.01	.01	.03	.05	.06	.05	.06	.05	.05	.03	.03
5	.02	.01	.01	.02	.03	.03	.04	.05	.08	.05	.04	.03
6	.01	.01	.02	.02	.02	.02	.03	.04	.05	.05	.02	.03
7	.01	.02	.02	.02	.04	.02	.03	.06	.08	.05		.04
8*	.01	.02	.01	.01	.05	.03	.02	.03	.03	.02	.02	.02
9*	.02	.02	.02	.03	.03	.04	.03	.03	.04	.02	.02	.02
10	.01	.01	.01	.01	.02	.06	.08	.06	.04	.20	.10	.03
11	.25	.20	.20	.03	.02	.01	.07	.06	.03	.03		.03
12	.02	.02	.02	.02	.02	.02	.02	.03	.04	.02	.02	.02
13	.03	.03	.02	.01	.01	.02	.02	.03	.03	.02	.03	.04
14	.05	.04	.04	.05	.05	.04	.05	.06	.04	.01	.01	.03
15*	.03	.01	.01	.01	.02	.02	.02	.03	.07	.10	.02	.02
16*	.02	.03	.03	.03	.03	.03	.03	.03	.10	.14	.08	.03
17	.02	.02	.02	.02	.02	.04	.03	.05	.13	.04	.07	.06
18	.02	.03	.06	.05	.03	.03	.02	.03	.09			.03
19	.04	.03	.03	.03	.03	.04	.07	.07	.08	.31	.13	.05
20	.05	.03	.02	.02	.02	.02	.02	.03	.06	.17	.02	.02
21	.05	.02	.15	.11	.14	.51	.53	.18	.09	.05	.03	.02
22*	.09	.05	.14	.09	.03	.04	.01	.08	.06	.12	.24	.13
23*	.09	.02	.03	.03	.02	.02	.03	.02	.02	.02	.03	.02
24	.02	.01	.02	.02	.02	.01	.02	.03	.04	.23	.07	.02
25	.01	.03	.03	.06	.03	.05	.08	.09	.07	.05	.04	.05
26	.02	.01	.01	.02	.03	.02	.02	.02	.02		.02	.02
27	.01	.01	.01	.01	.02	.01	.02	.11	.21	.16	.05	.03
28	.01	.01	.01	.02	.01	.01	.03	.03	.03	.05	.02	.02
29*	.07	.04	.01	.01	.01	.01	.01	.03	.04	.03	.02	.02
30*	.02	.02	.02	.02	.02	.03	.03	.02	.09	.12	.15	.08
31	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.02	.02
MEAN	.04	.03	.04	.03	.03	.05	.05	.05	.06	.08	.05	.04
NO.	31	31	31	31	31	31	31	31	31	29	28	31
MAX.	.25	.20	.20	.11	.14	.51	.53	.18	.21	.31	.24	.13

DAY OF MONTH	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.16	.05	.06	.04	.04	.02	.01	.01	.02	.02	.02	.04	.051	24	.28
2*	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.023	24	.13
3	.07	.07	.07	.05	.06	.04	.02	.02	.01	.01	.01	.01	.053	24	.12
4	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.03	.02	.026	24	.08
5	.02	.03	.08	.03	.03	.02	.02	.02	.02	.02	.02	.01	.030	24	.52
6	.06	.11	.04	.02	.02	.02	.01	.02	.02	.02	.02	.02	.027	24	.26
7	.06	.03	.03	.02	.03	.04	.02	.02	.02	.02	.01	.01	.030	23	.14
8*	.02	.01	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.019	24	.08
9*	.02	.03	.02	.02	.04	.02	.03	.02	.02	.02	.02	.02	.023	24	.17
10	.06	.03	.03	.02	.02	.02	.02	.04	.08	.04	.05	.07	.046	24	.40
11	.02	.02	.02	.02	.03	.02	.02	.01	.02	.02	.02	.02	.051	23	.42
12	.01	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03	.02	.020	24	.03
13	.02	.02	.02	.02	.02	.01	.01	.02	.01	.02	.03	.05	.022	24	.06
14	.03	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.03	.029	24	.08
15*	.04	.04	.02	.01	.01	.01	.01	.02	.02	.02	.01	.01	.024	24	.17
16*	.02	.02	.01	.01	.02	.05	.02	.01	.02	.02	.02	.03	.035	24	.16
17	.05	.04	.03	.04	.04	.02	.01	.01	.01	.01	.02	.02	.035	24	.26
18	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.030	24	.14
19	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.048	24	.81
20	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.09	.15	.035	24	.47
21	.04	.02	.02	.02	.02	.02	.05	.03	.01	.01	.03	.01	.089	24	.71
22*	.02	.03	.14	.10	.05	.02	.02	.02	.02	.01	.02	.02	.065	24	.42
23*	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.021	24	.13
24	.02	.02	.02	.04	.03	.02	.03	.03	.03	.02	.02	.02	.034	24	.78
25	.02	.05	.09	.03	.04	.02	.01	.02	.02	.01	.02	.02	.039	24	.33
26	.02	.03	.04	.04	.04	.03	.02	.02	.02	.02	.02	.02	.023	24	.07
27	.03	.03	.06	.03	.02	.02	.02	.02	.02	.02	.02	.02	.040	24	.32
28	.06	.03	.03	.10	.07	.16	.15	.08	.01	.01	.02	.03	.040	24	.96
29*	.02	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.023	24	.14
30*	.15	.02	.02	.02	.01	.01	.04	.02	.02	.02	.02	.01	.040	24	.38
31	.01	.02	.02	.02	.01	.03	.01	.02	.02	.02	.01	.03	.016	24	.08
MEAN	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.03	.035		
NO.	31	31	31	31	31	31	31	31	31	31	31	31		739	
MAX.	.16	.11	.14	.10	.07	.16	.15	.08	.08	.09	.09	.15	.089		.81

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 21, 1968

Table 3-129.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.05	.04	.01	.01	.01	.01	.04	.04	.03	.02	.04	.05	.03	.02	.02	.01	.01	.01	.02	.02	.02	.03	.02	.01	.023	24	.09
2	.01	.01	.01	.01	.01	.01	.01	.02	.04	.12	.13	.08	.06	.06	.12	.10	.07	.04	.03	.02	.03	.04	.03	.03	.045	24	.35
3	.02	.02	.01	.03	.02	.02	.02	.02				.03	.04	.15	.20	.08	.03	.05	.03	.03	.03	.04	.03	.01	.042	21	.38
4	.02	.01	.06	.02	.04	.05	.05	.10	.19			.03	.04	.03	.01	.01	.01	.01	.01	.02	.05	.03	.02	.01	.035	22	.30
5*	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.011	24	.10
6*	.01	.01	.02	.02	.02	.02	.01	.01	.09	.17	.21	.07	.06	.03	.04	.03	.02	.02	.03	.01	.02	.01	.55	.19	.068	24	.76
7	.03	.02	.02	.03	.03	.04	.04	.05	.05	.05	.33	.11	.07	.05	.02	.03	.03	.04	.04	.01	.04	.02	.02	.01	.049	24	.54
8	.02	.02	.03	.02	.03	.02	.02	.04	.20	.16	.15	.07	.03	.02	.08	.06	.04	.04	.04	.04	.05	.07	.07	.04	.057	24	.39
9	.05	.03	.03	.02	.02	.03	.04	.03	.04		.06	.06	.04	.10	.05	.06	.08	.07	.06	.07	.08	.08	.08	.08	.054	23	.17
10	.07	.07	.06	.05	.03	.05	.04	.04	.04	.07	.42	.09	.07	.09	.04	.05	.06	.03	.02	.04	.03	.03	.03	.03	.054	24	.67
11	.03	.02	.02	.02	.03	.05	.05	.04	.04	.04	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.04	.03	.02	.02	.031	24	.09
12*	.02	.02	.02	.02	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.05	.04	.02	.026	24	.05
13*	.02	.02	.04	.04	.05	.06	.05	.06	.04	.03	.03	.02	.02	.02	.03	.02	.02	.02	.02	.03	.04	.03	.04	.04	.033	24	.07
14	.04	.04	.05	.05	.05	.04	.06	.06	.06	.22	.09	.07	.06	.06	.06	.05	.05	.08	.06	.06	.06	.05	.04	.04	.063	24	.35
15	.04	.04	.04	.04	.04	.03	.04	.05	.07	.09	.16	.07	.09	.10	.09	.07	.06	.06	.08	.09	.08	.07	.07	.06	.068	24	.25
16	.05	.04	.04	.06	.06	.06	.05	.08	.11	.16	.19	.10	.04	.04	.04	.04	.04	.05	.05	.07	.08	.06	.05	.05	.066	24	.28
17	.05	.05	.06	.03	.03	.05	.05	.07	.17			.03	.03		.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.047	22	.28
18	.04	.02	.02	.02	.03	.05	.02	.02	.04	.02	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03	.02	.02	.01	.01	.025	24	.15
19*	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.02	.04	.04	.04	.05	.06	.04	.03	.03	.023	24	.06
20*	.03	.02	.02	.01	.01	.01	.01	.01	.01	.03	.26	.09	.06	.04	.01	.01	.01	.02	.03	.02	.02	.02	.01	.01	.032	24	.52
21	.01	.01	.01	.01	.01	.05	.03	.02	.04	.09	.12	.14	.17	.15	.08	.06	.03	.02	.03	.10	.08	.03	.03	.03	.055	24	.54
22	.05	.03	.03	.03	.03	.04	.03	.03	.03	.06	.13	.03	.01	.02						.05	.04	.03	.03	.03	.038	19	.17
23	.04	.04	.03	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.05	.10	.08	.02	.02	.02	.02	.030	24	.18
24	.07	.08	.08	.07	.02	.02	.02	.02	.05	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.03	.034	24	.13
25	.04	.05	.04	.06	.09	.06	.05	.05	.05	.03	.02	.02	.05	.03	.02	.02	.01	.02	.03	.02	.03	.07	.02	.03	.037	24	.10
26*	.04	.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.02	.01	.02	.03	.06	.02	.03	.07	.21	.09	.04	.14	.06	.044	24	.31
27*	.20	.32	.25	.20	.03	.01	.03	.09	.02	.01	.01	.02	.02		.00	.00	.00	.00	.00	.01	.02	.03	.02	.02	.056	23	.47
28	.02	.01	.01	.01	.01	.01	.01	.01	.02		.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.017	23	.04
29	.03	.03	.03	.03	.03	.03	.04	.06	.05		.04	.04	.04	.06	.06	.05	.04	.06	.07	.05	.04	.04	.06	.04	.044	23	.08
30	.04	.04	.04	.06	.07	.06	.07	.07	.07	.06	.05		.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.044	23	.08
MEAN	.04	.04	.04	.03	.03	.03	.03	.04	.06	.07	.09	.05	.04	.05	.04	.04	.03	.03	.04	.04	.04	.04	.05	.03	.042		
NO.	31	30	30	30	30	30	30	30	29	24	27	29	30	29	29	29	29	29	29	30	30	30	30	30		709	
MAX.	.20	.32	.25	.20	.09	.06	.07	.10	.20	.22	.33	.14	.17	.15	.20	.10	.08	.08	.10	.21	.09	.08	.55	.19	.068		.76

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV. DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-130.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

SULFUR DIOXIDE
OCT. 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.13	.04	.04	.04	.04	.04	.05	.07	.05	.09	.14	.19	.15	.08	.05	.04	.04	.03	.03	.03	.03	.03	.04	.03	.059	24	.21
2	.13	.03	.05	.06	.03	.05	.11	.08	.08	.07	.03	.02	.03	.02	.03	.05	.04	.03	.03	.03	.03	.03	.03	.03	.042	24	.17
3*	.15	.02	.05	.05	.05	.03	.05	.05	.07	.08	.05	.03	.04	.04	.06	.07	.07	.06	.03	.03	.03	.03	.04	.06	.043	24	.27
4*	.15	.03	.05	.04	.05	.05	.05	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.032	24	.07
5	.12	.03	.05	.03	.03	.03	.04	.04	.05		.05	.05	.04		.03	.04	.03	.03	.03	.03	.04	.05	.04	.04	.037	22	.07
6	.13	.04	.05	.07	.05	.04	.05	.08	.07	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.06	.06	.043	24	.11
7	.16	.05	.06	.06	.04	.04	.05	.05	.07	.22	.28	.06	.05	.05	.04	.04	.05	.05	.17	.08	.05	.04	.04	.03	.070	24	.48
8	.13	.03	.04	.04	.04	.04	.05	.08	.06	.11	.05	.10	.07	.04	.04	.04	.04	.04	.04	.04	.04	.06	.04	.03	.048	24	.25
9	.13	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.06	.03	.03	.03	.04	.03	.04	.03	.05	.05	.05	.05	.037	24	.28
10*	.15	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.036	24	.06
11*	.13	.03	.03	.03	.03	.04	.03	.03	.04	.04	.05	.04	.04	.03	.04	.04	.07	.07	.07	.05	.05	.06	.06	.07	.044	24	.09
12	.15	.05	.05	.05	.05	.05	.07	.09	.22	.13	.06	.05	.05	.04	.04	.04	.03	.04	.04	.04	.04	.05	.08	.08	.062	24	.41
13	.19	.09	.08	.06	.06	.04	.05	.11	.12	.12		.12	.11	.09	.04	.07	.10	.08	.07	.08	.08	.07	.06	.05	.081	23	.17
14	.15	.06	.06	.06	.06	.06	.05	.10	.09	.07	.08	.07	.05	.04	.04	.04	.05	.04	.05	.06	.06	.08	.09	.08	.063	24	.13
15	.17	.07	.07	.06	.07	.07	.13	.11	.12	.13	.13	.08	.04	.04	.04	.04	.03	.03	.04	.04	.05	.05	.05	.04	.066	24	.14
16	.13	.06	.08	.10	.10	.09	.14	.18	.12	.13	.10	.10	.07	.05	.04	.03	.04	.05	.04	.05	.07	.09	.09	.09	.081	24	.20
17*	.18	.07	.06	.05	.06	.05	.05	.06	.07	.09	.08	.05	.05	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.03	.051	24	.10
18*	.13	.03	.04	.04	.05	.05	.05	.05	.05	.13	.12	.27	.10	.05	.04	.03	.03	.03	.02	.03	.03	.03	.03	.03	.056	24	.51
19	.13	.03	.04	.04	.13	.05	.07	.08	.05	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.038	24	.09
20	.14	.03	.03	.03	.03	.03	.04	.04	.05	.05	.04	.03	.07	.10	.05	.02	.02	.04	.09	.10	.11	.05	.04	.04	.048	24	.27
21	.11	.05	.08	.10	.32	.39	.20	.09	.04	.04	.04	.05	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.079	24	.61
22	.02	.01	.01	.01	.01	.01	.01	.02	.04		.05	.03	.02	.02	.02	.02	.02	.02	.03	.04	.05	.06	.05	.05	.025	23	.07
23	.04	.04	.04	.04	.04	.04	.05	.05	.06	.06	.05	.05	.04	.04	.03	.04	.02	.03	.03	.04	.05	.06	.06	.05	.044	24	.07
24*	.16	.06	.05	.05	.04	.05	.05	.06	.08	.08	.12	.04	.03	.03	.03	.02	.02	.01	.02	.03	.03	.05	.05	.06	.046	24	.20
25*	.16	.05	.05	.05	.04	.04	.04	.06	.06	.07	.08	.07	.05	.05	.03	.02	.02	.02	.03	.03	.03	.04	.03	.03	.044	24	.11
26	.13	.02	.02	.02	.02	.03	.07	.06	.07	.08	.08	.03	.02	.01	.01	.00	.02	.03	.03	.03	.05	.03	.02	.03	.034	24	.11
27	.02	.02	.02	.03	.02	.03	.07	.07	.10	.21	.07	.05	.02	.02	.02	.01	.02	.03	.02	.02	.03	.06	.03	.03	.041	24	.32
28	.04	.04	.02	.02	.02	.03	.05	.07	.07	.10	.18	.08	.04	.01	.02	.02	.01	.03	.08	.03	.02	.01	.01	.00	.040	24	.28
29	.00	.00	.00	.00	.00	.00	.01	.05	.06					.05	.01	.01	.00	.01	.01	.01	.00	.02	.03	.03	.014	20	.11
30	.12	.02	.02	.05	.04	.03	.06	.05	.09	.09	.03	.01	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.03	.05	.024	24	.11
31*	.05	.04	.04	.03	.02	.03	.06	.08	.10	.05	.04	.04	.04	.03	.02	.02	.01	.03	.02	.02	.01	.02	.02	.02	.034	24	.18
MEAN	.14	.04	.04	.04	.05	.05	.06	.07	.07	.09	.07	.06	.05	.04	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.047		
NO.	31	31	31	31	31	31	31	31	31	28	29	30	30	30	31	31	31	31	31	31	31	31	31	31		730	
MAX.	.11	.09	.08	.10	.32	.39	.20	.18	.22	.22	.28	.27	.15	.10	.06	.07	.10	.08	.17	.10	.11	.09	.09	.09	.081		.61

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV. DEC. 2, 1968

Table 3-131.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

SULFUR DIOXIDE
NOV. 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.05	.06	.07	.07	.07	.05	.06	.05	.07	.08	.10	.08	.07	.03	.02	.05	.05	.02	.02	.03	.04	.04	.04	.02	.052	24	.20
2	.03	.03	.03	.04	.04	.04	.04	.06	.06	.05	.08	.13	.07	.03	.03	.06	.05	.04	.03	.04	.04	.04	.04	.03	.055	24	.46
3	.03	.03	.03	.03	.02	.03	.04	.06	.05	.06	.22	.17	.09	.07	.08	.12	.09	.07	.05	.08	.07	.06	.06	.05	.070	24	.36
4	.05	.05	.05	.06	.07	.05	.05	.05	.07	.09	.11	.19	.24	.05	.05	.09	.05	.04	.05	.05	.05	.05	.05	.04	.071	24	.48
5	.04	.04	.04	.05	.05	.05	.07	.08	.06	.05	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.043	24	.10
6	.05	.06	.06	.05	.06	.05	.07	.07	.08	.11	.23	.26	.05	.04	.05	.07	.13	.16	.12	.09	.11	.09	.11	.08	.093	24	.58
7*	.05	.07	.06	.06	.07	.05	.07	.15	.17	.15	.16	.20	.11	.05	.05	.05	.06	.07	.07	.07	.06	.08	.08	.08	.089	24	.23
8*	.08	.10	.12	.10	.08	.08	.07	.09	.09	.09	.09	.10	.09	.07	.06	.06	.06	.05	.06	.06	.07	.06	.05	.05	.076	24	.13
9	.05	.03	.02	.03	.02	.02	.03	.05	.05	.14	.16	.11	.03	.03			.08	.12	.13	.09	.05	.04	.04	.04	.061	24	.21
10	.04	.07	.05	.09	.09	.10	.14	.24	.20	.13	.05	.05	.05	.05	.04	.04	.05	.10	.13	.23	.20	.10	.12	.06	.101	24	.46
11	.04	.03	.04	.15	.16	.07	.11	.14	.16	.09	.03	.02	.03	.02	.02	.08	.44	.34	.09	.46	.44	.32	.07	.04	.140	24	.88
12	.18	.06	.16	.34	.14	.02	.29	.04	.27	.15	.05	.02	.02	.03	.02	.02	.01	.02	.03	.02	.01	.01	.03	.03	.080	24	.57
13	.05	.02	.04	.06	.05	.05	.03	.03	.03							.01	.03	.02	.02	.03	.04	.05	.04	.04	.034	18	.07
14*	.04	.03	.03	.04	.05	.04	.07	.08	.05	.08	.08	.08	.04	.03	.03	.03	.02	.04	.04	.03	.03	.05	.04	.03	.044	24	.14
15*	.03	.03	.03	.02	.02	.03	.02	.05	.05	.05	.06	.06	.03	.01	.01	.01	.06	.04	.01	.03	.08	.02	.01	.01	.031	24	.19
16	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.02	.02	.06	.07	.07	.05	.02	.02	.01	.02	.01	.01	.02	.02	.025	24	.11
17	.02	.02	.02	.02	.02	.02	.03	.05	.04	.16	.36	.12	.05	.04	.09	.11	.12	.08	.05	.04	.04	.05	.03	.02	.067	24	.40
18	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04	.06	.04	.14	.11	.05	.10	.13	.12	.09	.04	.02	.03	.01	.053	24	.21
19	.01	.02	.02	.02	.03	.03	.03	.03	.04	.04	.06	.10	.07	.04	.03	.05	.02	.02	.02	.03	.03	.03	.03	.02	.033	24	.14
20	.04	.04	.03	.03	.04	.03	.04	.04	.05	.06		.19	.24	.23	.24	.08	.06	.02	.02	.02	.01	.01	.01	.01	.065	23	.52
21*	.01	.01	.01	.02	.01	.01	.02	.02	.02	.02	.02	.02	.04	.02	.04	.04	.05	.04	.04	.05	.04	.08	.06	.07	.031	24	.14
22*	.11	.05	.07	.06	.07	.04	.06	.04	.06	.04	.02	.03	.06	.02	.03	.04	.03	.05	.05	.05	.05	.10	.08	.05	.056	24	.14
23	.06	.05	.04	.17	.25	.14	.15	.17	.12	.15	.15	.11	.09	.07	.06	.06	.07	.05	.07	.06	.06	.06	.08	.06	.101	24	.32
24	.07	.07	.05	.07	.11	.04	.04	.10	.13	.13	.11	.08	.14	.08	.05	.08	.04	.04	.07	.05	.06	.06	.08	.05	.085	24	.47
25	.03	.02	.01	.02	.02	.02	.02	.03	.04				.03	.04	.03	.03	.02	.02	.02	.03	.03	.02	.04	.07	.027	21	.07
26	.06	.05	.02	.02	.02	.04	.06	.05	.04	.03	.02	.02	.03	.03	.04	.05	.04	.03	.04	.06	.02	.03	.03	.04	.036	24	.09
27	.05	.07	.05	.04	.04	.05	.06	.07	.05	.07	.05	.06	.04	.04	.03	.03	.03	.03	.03	.03	.03	.05	.03	.02	.043	24	.11
28*	.02	.02	.02	.02	.07	.13	.05	.09	.04	.03	.23	.06	.02	.01	.01	.06	.02	.01	.04	.02	.02	.03	.01	.05	.044	24	.37
29*	.05	.07	.04	.01	.03	.02	.02	.04	.03	.03	.02	.01	.01	.06	.02	.03	.03	.02	.01	.01	.01	.02	.02	.03	.025	24	.26
30	.03	.01	.01	.02	.02	.06		.08	.07	.07	.06	.04	.04	.04	.04	.03	.03	.04	.05	.06	.06	.06	.06	.04	.043	23	.09
MEAN	.05	.04	.04	.06	.05	.05	.06	.07	.08	.08	.11	.09	.07	.05	.05	.05	.06	.06	.05	.06	.06	.06	.05	.04	.059		
NO.	31	30	30	31	31	30	29	30	30	28	27	28	29	29	28	29	30	30	30	30	30	30	30	30		701	
MAX	.18	.10	.16	.34	.25	.15	.29	.24	.27	.16	.36	.26	.24	.23	.24	.12	.44	.34	.13	.46	.44	.32	.12	.08	.140		.88

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV., DEC., 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-132.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

SULFUR DIOXIDE
DEC. 1964

CONCENTRATION IN PPM
CONDUCTIOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.03	.03	.04	.06	.07	.07	.13	.13	.13	.08	.07	.07	.07	.05	.05	.04	.04	.05	.05	.06	.05	.05	.05	.061	24	.17
2	.04	.04	.05	.04	.04	.04	.05	.08	.07	.09	.11	.06	.03	.05	.03	.04	.04	.04	.04	.03	.08	.10	.05	.17	.058	24	.26
3	.13	.02	.02	.07	.03	.03	.04	.05	.05				.07	.06	.04	.03	.05	.06	.05	.06	.06	.06	.05	.04	.052	21	.24
4	.04	.04	.03	.01	.02	.04	.05	.06	.07	.06	.05	.05	.05	.06	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.037	24	.08
5*	.05	.04	.03	.03	.02	.02	.03	.04	.03	.04	.04	.04	.03	.03	.03	.03	.05	.02	.02	.01	.01	.01	.01	.01	.028	24	.15
6*	.01	.02	.02	.02	.03	.02	.02	.02	.02	.02	.04	.02	.01	.01	.03	.03	.06	.02	.02	.03	.04	.04	.04	.03	.025	24	.10
7	.05	.06	.06	.04	.04	.07	.05	.05	.07	.10	.07	.06	.07	.07	.07	.07	.06	.08	.20	.19	.06	.06	.04	.04	.072	24	.26
8	.04	.05	.05	.05	.05	.05	.08	.07	.15	.13	.07	.07	.07	.05	.04	.04	.07	.06	.04	.04	.04	.05	.05	.04	.061	24	.30
9	.04	.04	.05	.08	.07	.07	.08	.07	.06	.08	.06	.06	.08	.08	.05	.05	.04	.05	.04	.05	.04	.03	.04	.07	.057	24	.22
10	.05	.04	.04	.04	.04	.04	.08	.09	.09	.09	.09	.09	.05	.07	.06	.04	.05	.05	.07	.05	.03	.05	.04	.03	.056	24	.10
11	.03	.03	.04	.02	.03	.04	.04	.04	.05		.06	.05	.14	.24	.14	.03	.03	.02	.03	.03	.03	.03	.03	.05	.052	24	.45
12*	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.03	.05	.04	.05	.03	.02	.02	.05	.03	.03	.02	.02	.03	.03	.027	24	.23
13*	.03	.04	.06	.04	.08	.10	.03	.06	.03	.03	.03	.03	.03	.02	.02	.02	.01	.01	.06	.04	.02	.02	.04	.02	.036	24	.17
14	.02	.01	.03	.07	.03	.06	.06	.05	.05	.06	.05	.05	.05	.02	.02	.03	.06	.05	.02	.02	.02	.02	.02	.01	.037	24	.12
15	.01	.01	.01	.03	.04	.03	.03	.03	.03	.03	.04	.11	.25	.30	.12	.05	.04	.04	.04	.05	.04	.04	.04	.04	.060	24	.46
16	.04	.04	.03	.03	.04	.04	.04	.04	.03				.03	.04	.04	.24	.50	.45	.24	.31	.44	.47	.48	.11	.175	21	.87
17	.13	.12	.18	.02	.02	.06	.03	.04	.04	.03	.03	.04	.04	.04	.04	.04	.03	.03	.04	.04	.04	.04	.03	.01	.047	24	.32
18	.02	.02	.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.04	.05	.07	.09	.09	.08	.033	24	.13
19*	.08	.06	.07	.06	.05	.11	.12	.11	.10	.06	.11	.05	.05	.05	.05	.05	.04	.06	.08	.04	.04	.03	.06	.04	.064	24	.21
20*	.02	.02	.03	.02	.01	.01	.01	.02	.02	.03	.05	.08	.07	.07	.08	.10	.08	.12	.06	.06	.06	.05	.05	.03	.047	24	.13
21	.04	.05	.05	.05	.04	.04	.07	.12	.09	.08	.11	.15	.05	.04	.03	.03	.04	.04	.04	.05	.02	.02	.02	.02	.054	24	.21
22	.05	.04	.03	.03	.07	.07	.05	.06	.06			.05	.04	.04	.04					.03	.03	.04	.03	.03	.043	18	.12
23	.03	.03	.04	.03	.03						.13	.06	.05	.04	.03	.03	.03	.15	.28	.28	.33	.32	.25	.11	.117	19	.51
24	.09	.06	.08	.09	.50	.51	.57	.19	.07	.03	.03	.02	.03	.03	.04	.21	.29	.06	.04	.06	.05	.07	.02	.01	.131	24	.78
25	.02	.03	.02	.02	.02	.03	.02	.09	.08	.07	.03	.04	.03	.04	.02	.03	.02	.02	.03	.01	.02	.02	.03	.03	.030	24	.12
26*	.03	.04	.04	.03	.03	.03	.03	.03	.03	.02	.02	.03	.04	.05	.05	.05	.05	.04	.04	.03	.02	.02	.02	.02	.032	24	.06
27*	.02	.02	.04	.03	.02	.02	.03	.03	.03	.04	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.028	24	.04
28	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.08	.05	.03	.04	.04	.03	.03	.03	.03	.03	.04	.03	.030	24	.11
29	.03	.02	.02	.02	.03	.03	.04	.06	.06	.06	.05	.20	.08	.23	.21	.37	.38	.18	.24	.26	.45	.33	.22	.19	.157	24	.66
30	.02	.01	.01	.02	.02	.01	.02	.03	.04			.05	.05	.03	.03	.03	.04	.02	.02	.02	.03	.03	.02	.03	.024	24	.06
31	.02	.02	.02	.02	.03	.02	.03	.04	.06	.07	.05	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.028	24	.08
MEAN	.04	.03	.04	.04	.05	.06	.06	.06	.06	.05	.06	.06	.06	.06	.05	.06	.07	.06	.06	.06	.07	.07	.06	.05	.056		
NO.	31	31	31	31	31	30	30	30	30	25	27	29	31	31	31	30	30	30	30	31	31	31	31	31		724	
MAX.	.13	.12	.18	.09	.50	.51	.57	.19	.18	.13	.13	.20	.25	.30	.21	.37	.50	.45	.28	.31	.45	.47	.48	.19	.175		.87

TABULATED MON., DEC. 21, 1968

* Indicates Saturday or Sunday
Local standard time used

Table 3-133.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	4.5	4.8	4.8	4.8	4.7	4.8	4.4	4.4	4.4	4.6	4.9	4.9	4.8	4.8	4.8	4.4	4.6	4.8	5.0	4.5	4.0	4.0	4.0	4.7	4.55	24	6.0
2	4.2	4.4										4.3	4.6	5.2	4.7	5.1	4.8	4.9	4.8	4.3	4.0	4.1	4.0	4.0	4.38	15	6.0
3																											
4*												3.2	3.7	3.8	4.1	3.8	3.7	4.9	4.4	4.4	5.3	4.5	4.4	3.8	4.14	18	8.0
5*	4.3	4.1	3.4	3.7	3.7	3.6	3.7	3.8	3.3	4.0	3.3	3.2	3.3	3.3	3.1	3.1	3.4	4.3	4.9	3.4	3.3	3.1	3.5	3.6	3.58	24	8.0
6	3.4	3.3	3.1	3.2	3.3	3.1	3.5	3.6	3.6	3.6	3.5	3.5	3.6	3.0				3.8	3.8	3.3	3.1	3.0	3.0	2.8	3.31	21	5.0
7	2.8	2.3	2.2	2.1	2.1	2.5	2.7	2.8	2.8	2.8	2.4	2.3	2.0	2.3	2.1	2.3	2.3	2.3	2.5	2.2	2.2	2.1	2.0	2.0	2.32	24	3.0
8	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.8	2.8	2.6			2.5	2.3	2.6	2.1	2.3	2.7	2.7	3.0	3.8	3.2	3.2	3.8	2.55	22	7.0
9	3.3	2.5	2.3	2.1	2.3	2.2	2.2	2.3	2.8	2.3	3.5	4.2	4.0	4.0	4.0	4.1	4.1	4.0	3.2	3.3	3.0	3.0	4.8	3.3	3.18	24	10.0
10	3.1	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.2	3.1	3.0	3.4	3.1	3.4	3.5	3.8	4.2	4.4	6.1	7.6	8.6	8.0	3.98	24	11.0
11*	6.9	7.3	5.6	6.7	7.3	9.5	6.5	4.7	6.1	5.6	4.2	3.3	3.5	3.0	3.0	3.3	3.4	3.6	3.8	3.7	3.9	3.6	3.4	3.1	4.75	24	13.0
12*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	5.0
13	2.8	2.8	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		2.9	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	2.97	23	4.0
14	3.0	3.1	3.0	3.2	3.8	3.6	3.9	4.3	3.8	3.1	3.1	3.1	3.0	3.0	3.0			3.3	3.1	3.0	3.0	3.1	3.0	3.0	3.23	22	6.0
15	3.0	2.8	3.0	2.9	3.0	3.0	3.0	3.1	3.1	2.8	2.7	2.8	2.8	2.9	2.7	2.9	3.6	3.2	3.2	3.3	2.8	2.8	2.8	2.6	2.92	24	4.0
16	2.8	2.6	2.3	2.1	2.3	2.8	2.9	2.8	2.9	2.8			3.1	2.9	3.0	2.7	3.1	3.3	2.6	2.8	2.6	2.3	2.3	2.5	2.69	24	5.0
17	2.3	2.1	2.7	2.8	2.8	2.3	3.0	3.1	3.0	3.0	2.8	3.8	3.2	3.1	3.0	3.2	3.1	3.9	3.8	3.7	4.4	4.3	3.6	3.5	3.16	24	6.0
18*	4.1	3.8	3.4	3.2	3.7	3.9	3.4	3.3	4.2	4.0	3.7	3.2	3.0	3.2	3.5	3.3	3.5	3.1	3.5	3.9	6.5	7.6	5.8	6.5	4.04	24	20.0
19*	4.2	3.0	3.2	3.0	3.3	3.0	3.1	3.1	3.3	3.2	3.1	3.0	2.7	2.8	2.7	2.3	2.8	3.0	3.0	2.7	2.7	3.1	2.8	2.6	2.96	24	6.0
20	2.7	2.7	3.2	2.8	2.9	2.8	2.6	3.0	3.0	2.5		2.9	2.8	2.5	2.6	2.4	3.0	3.0	3.0	3.0	2.9	3.0	2.8	3.0	2.82	23	5.0
21	3.2	3.9	3.8	3.1	3.4	3.1	3.0	3.2	3.0	3.2	3.0	3.0	3.0	3.1	3.1	3.1	3.3	4.2	4.8	5.9	4.4	5.3	4.8	4.1	3.64	24	8.0
22	3.6	4.1	4.2	4.8	4.7	6.6	6.8	4.9	5.7	5.7	3.7	3.6	3.3	3.4	3.2	3.3	3.4	3.6	3.8	3.2	3.2	3.7	3.3	3.4	3.98	24	10.0
23	3.0	3.1	3.4	3.3	3.0	3.4	4.0	3.8	3.9	3.4	4.0	3.8	3.2	3.2	3.1	3.2	3.4	4.3	4.3	7.7	13.4	12.2	10.4	10.9	5.05	24	18.0
24	9.8	8.3	7.9	9.8	8.5	5.5	5.1	6.3	5.3	4.3	5.8	5.8	4.0	4.0	3.2	3.1	3.2	3.0	3.0	3.0	4.0	4.9	2.7	2.8	5.04	24	14.0
25*	2.7	3.0	2.3	2.2	2.4	2.3	2.1	2.1	2.1	2.1	2.0	2.2	2.2	2.2	2.3	2.2	2.1	2.3	2.3	2.5	2.6	2.3	2.2	2.2	2.25	24	4.0
26*	2.3	2.3	2.1	2.1	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.2	1.8	1.7	1.8	1.8	2.01	24	5.0
27	1.8	1.8	1.9	3.0	3.2	3.3	3.9	3.8	3.6	2.2	1.5	1.3	1.2	1.3	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	1.78	24	6.0
28	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0		3.0	2.8	2.8	2.5	3.0	3.0	2.6	2.8	2.8	2.9	3.2	3.0	3.8	4.3	2.22	23	6.0
29	3.0	3.1	3.9	3.1	3.7	3.5	3.4	3.4	3.5	3.1	3.0	2.7	2.9	3.0	3.0	3.0	3.7	3.3	3.3	3.5	3.4	3.3	3.8	4.2	3.31	24	6.0
30	4.8	4.0	3.8	3.4	3.6	3.8	4.7	4.8	3.1	3.5	4.8	3.8	3.7	3.0	2.8	2.8	3.2	3.9	4.7	5.0	11.0	10.6	9.5	7.1	4.95	24	14.0
31	6.8	6.0	7.8	5.1	3.9	4.2	4.6	4.2	6.6	4.7	4.3	4.7	4.1	4.3	3.9	3.3	3.4	3.4	3.8	3.3	3.9	3.5	3.7	3.3	4.41	24	13.0
MEAN	3.6	3.4	3.4	3.4	3.4	3.5	3.4	3.4	3.5	3.3	3.3	3.3	3.1	3.1	3.0	3.0	3.1	3.4	3.4	3.5	4.0	4.0	3.9	3.8	3.42		
NO.	23	29	28	28	28	28	28	28	28	27	25	28	30	29	29	28	28	30	30	30	30	30	30	30		688	
MAX.	9.8	8.3	7.9	9.8	8.5	9.5	6.8	6.3	6.6	5.6	5.8	5.8	4.8	4.8	4.8	5.1	4.8	4.9	5.0	7.7	13.4	12.2	10.4	10.9	5.05		20.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-134.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
FEB. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1*	3.4	3.3	3.0	3.1	3.0	3.0	3.1	3.4	3.4	3.3	3.3	3.0	3.2	2.9	2.7	2.7	2.9	2.9	2.9	3.0	2.8	2.4	2.9	3.2	2.99	24	5.0
2*	3.8	3.6	3.3	3.3	4.0	4.4	4.2	4.1	4.5	4.4	3.2	2.3	2.1	2.4	2.3	2.3	2.4	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.22	24	6.0
3	3.0	3.3	3.0	3.0	3.3	3.1	3.5	3.8	4.2			2.8	3.0	2.6	3.0	3.0	3.3	3.2	3.1	3.1	4.6	5.1	5.3	4.7	3.48	22	8.0
4	3.9	4.6	7.4	6.3	6.9	7.8	6.7	7.4	8.9	8.6	5.8	3.5	3.3	3.0	2.7	3.2	3.4	4.1	6.3	8.5	11.1	11.0	10.1	9.1	6.38	24	14.0
5	5.8	7.5	5.5	4.8	6.8	7.1	8.4	7.9	9.7	7.4	6.6	4.3	3.3	3.0	2.3	2.5	2.8	3.0	3.0	3.6	3.2	3.3	2.8	2.8	5.37	24	14.0
6	2.6	2.4	2.5	2.4	2.6	2.2	2.6	2.4	2.5	2.5	2.1	2.8	3.0	2.3	2.1	2.8	2.8	2.1	3.0	2.8	2.7	2.4	2.5	2.8	2.97	24	8.0
7	2.0	2.2	2.1	2.3	2.5	2.3	2.7	2.6	2.4	2.4	2.4	2.3	2.2	2.3	2.2	2.3	2.2	2.1	2.3	2.2	2.0	2.1	2.1	2.1	2.24	24	4.0
8*	2.0	2.1	2.1	2.0	2.1	2.0	2.1	2.0	2.0	2.2	2.1	2.1	2.2	2.0	2.3	2.2	2.3	2.6	2.8	3.3	3.5	2.4	2.6	2.6	2.30	24	5.0
9*	2.7	2.8	2.5	2.6	2.5	2.6	2.6	2.1	2.1	2.2	2.5	2.8	2.2	3.0	2.8	2.7	3.2	3.1	3.1	3.0	2.7	2.2	2.3	2.7	2.60	24	4.0
10	2.4	2.3	2.4	2.3	2.3	2.3	2.7	2.8	2.7	2.6		2.9	3.1	2.5	2.8	2.8	2.3	2.3	2.2	2.2	2.2	2.0	2.0	2.0	2.42	23	5.0
11	2.0	2.0	2.0	2.0	2.0	2.2	2.7	3.3	3.3	2.9	2.8	2.1	2.3	2.4	2.2	2.3	2.5	2.5	3.4	4.2	4.9	6.1	3.3	3.3	2.85	24	9.0
12	4.2	3.7	3.9	3.7	3.6	3.3	3.6	3.9	3.7	3.3	3.0	2.9	2.8	2.8	2.8	2.6	3.3	3.0	2.8	2.4	3.1	3.1	3.3	3.3	3.23	24	6.0
13	3.3	2.4	2.9	2.9	2.8	2.8	2.8	3.2	3.1	2.9	2.9	2.6	2.6	2.8	2.8	3.0	3.3	3.3	2.2	2.0	2.3	4.6	2.2	2.1	2.72	24	4.0
14	2.2	2.1	2.1	2.0	2.0	2.0	2.1	2.8	2.8	2.8	2.5	2.2	2.4	2.3	2.4	2.3	2.8	3.0	3.3	4.0	5.8	4.3	3.3	3.8	2.79	24	7.0
15*	3.3	4.5	8.0	7.7	7.4	4.6	3.0	3.0	3.1	3.1	3.2	3.1	3.6	3.5	3.2	2.9	2.3	2.3	2.6	2.8	3.2	3.1	2.3	2.3	3.64	24	11.0
16*	2.0	2.0	2.2	2.1	2.0	2.1	2.0	2.0	2.1	2.0	2.1	2.0	2.1	2.0	2.0	2.1	2.1	2.0	2.3	2.4	2.5	2.5	3.0	2.9	2.18	24	4.0
17	2.7	2.4	2.9	3.1	2.8	3.7	3.4	4.2	3.3			2.7	2.8	2.3	2.5	2.5	2.5	2.9	2.9	3.1	4.6				2.98	19	8.0
18												5.4	4.2	3.5	2.9	2.8	3.0	3.1	2.6	2.8	2.9	2.8	3.3	2.1	3.18	13	6.0
19	2.2	2.4	2.3	2.2	2.3	2.7	3.0	3.0	3.2	2.8	3.0	2.8	2.5	2.3	2.8	2.7	2.6	2.4	2.2	2.3	2.0	2.0	2.1	2.1	2.48	24	4.0
20	2.1	2.1	2.0	2.0	2.0	2.3	2.2	2.3	2.3	2.0	2.2	2.0	2.1	2.2	2.4	2.4	2.3	2.7	2.3	2.7	2.3	2.3	2.5	3.0	2.26	24	3.0
21	2.5	2.9	2.9	2.2	2.2	2.3	2.3	2.9	2.8	2.9	2.6	2.6	2.7	2.4	2.6	2.6	2.9	2.8	2.6	2.2	3.1	2.8	3.0	3.1	2.65	24	4.0
22*	2.9	2.6	2.8	3.1	3.0	2.8	2.3	2.4	2.5	2.1	2.5	2.9	2.6	2.8	2.2	2.5	2.7	2.7	2.9	2.6	2.3	2.9	3.3	3.6	2.78	24	6.0
23*	4.0	4.3	4.2	3.3	3.4	3.1	3.3	3.2	3.1	3.0	3.0	3.2	2.9	3.0	3.0	2.9	3.0	2.8	2.7	2.8	2.8	2.5	2.1	2.0	3.05	24	6.0
24	2.3	2.0	2.0	2.0	2.0	2.6	2.5	2.7	2.5	2.2		2.8	2.8	2.6	2.5	2.6	2.7	3.0	2.9	3.6	5.3	4.8	7.3	5.3	3.06	23	9.0
25	4.3	3.1	2.7	3.3	3.2	3.3	3.4	3.3	3.8	4.5	9.8	3.3	2.8	3.0	2.9	3.1	3.0	3.9	4.2	4.4	4.3	4.0	3.4	3.6	3.56	24	5.0
26	3.0	2.9	3.3	3.0	3.0	2.2	2.0	3.2	3.2	2.8	2.8	2.4	2.8	2.5	2.8	2.6	2.3	2.3	2.0	2.8	2.8	2.7	2.3	2.2	2.64	24	4.0
27	2.0	2.1	2.3	2.2	2.5	2.3	3.4	2.9	3.1	3.0	2.6	2.3	2.2	2.3	2.2	2.1	2.3	2.6	3.2	3.3	3.9	7.7	7.9	7.4	3.31	24	10.0
28	7.1	7.4	6.7	4.0	7.1	7.8	6.9	5.4	5.7	5.0	4.9	3.5	2.1	2.2	2.2	2.5	2.4	2.0	2.3	2.0	2.0	2.1	2.3	2.3	4.22	24	10.0
29*	2.7	2.8	3.0	2.9	2.3	2.9	3.2	2.9	3.0	2.7	2.3	2.3	2.3	2.3	2.1	2.1	2.3	2.3	2.8	2.8	3.1	2.4	2.8	2.7	2.61	24	4.0
MEAN	3.2	3.1	3.4	3.3	3.3	3.3	3.3	3.4	3.6	3.4	3.2	2.8	2.7	2.6	2.6	2.6	2.7	2.8	2.9	3.1	3.6	3.4	3.4	3.3	3.11		
NO.	28	28	28	28	28		28	28	28	26	24	29	29	29	29	29	29	29	29	29	29	28	28	28		670	
MAX.	8.8	7.5	8.0	8.0	8.0		8.4	7.9	9.1	8.6	6.6	5.4	4.2	3.5	3.2	3.2	3.3	4.1	6.3	8.5	11.1	11.0	10.1	9.1	6.38		14.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-135.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	2.4	2.7	2.5	2.2	2.5	3.0	2.6	2.6	2.5	2.1	2.2	2.0	2.1	2.3	2.1	2.0	2.1	2.0	2.3	2.2	2.3	2.4	2.7	2.7	2.32	24	3.0
2	2.3	2.3	2.5	2.8	2.9	2.8	2.9	3.0	3.2	3.1		3.1	3.1	3.3	2.7	2.8	3.0	2.8	3.0	3.0	2.9	2.8	2.8	2.6	2.85	23	4.0
3	2.3	2.3	2.8	3.5	3.5	3.8	3.6	4.8	4.0	3.9	2.5	2.6	2.3	2.5	3.3	3.8	3.9	3.1	3.5	2.9	2.9	2.9	2.9	3.1	3.09	24	6.0
4	3.0	2.9	2.8	3.3	3.6	3.9	4.5	3.7	3.3	3.4	3.0	3.3	3.0	3.1	3.3	3.8	3.9	3.3	3.5	2.9	3.4	3.8	3.6	2.6	3.33	24	7.0
5	2.1	2.0	2.0	2.0	2.5	2.0	2.0	2.0		4.5	4.4	2.7	2.6	2.3	2.7	2.8	3.0	2.8	2.7	2.8	3.0	3.5	3.8	4.1	2.59	23	3.0
6	4.3	4.0	4.2	3.6	3.8	4.0	3.3	5.6	3.3	4.2	3.1	3.0	2.9	2.8	3.0	2.8	3.2	3.7	3.1	3.5	3.7	3.6	3.6	3.7	3.73	24	7.0
7*	3.1	3.1	3.0	3.0	3.0	3.0	3.1	3.4	3.6	3.0	2.9	3.0	2.9	2.8	2.7	2.7	2.9	3.2	3.3	4.2	3.3	3.3	2.7	2.7	3.07	24	6.0
8*	2.6	2.2	2.7	2.1	2.3	2.7	2.1	2.0	2.1	2.0	2.1	2.4	2.9	2.7	2.3	3.4	3.3	3.0	3.0	3.1	3.3	3.0	2.9	2.7	2.54	24	4.0
9	3.0	3.4	3.8	3.1	3.6	3.2	4.4	4.8	4.0	3.1	3.3	3.1	2.9	2.9	2.9	2.6	2.6	2.4	3.0	3.0	2.7	2.4	2.3	2.3	3.25	24	7.0
10	2.0	2.1	2.1	2.1	2.5	2.8	2.2	2.2	2.3	2.3	2.3	3.1	3.1	2.0	2.4	2.6	2.6	2.4	2.3	2.1	2.8	2.6	2.8	2.3	2.34	22	3.0
11	2.6	2.7	2.3	2.6	2.3	2.6	3.1	2.6	2.8	2.3	2.1	2.0	2.1	2.2	2.1	2.1	2.2	2.7	2.6	2.3	2.4	2.9	2.3	2.8	2.42	24	4.0
12	2.8	2.6	2.5	2.8	2.3	2.0	2.0	2.0	2.3	2.5	2.4	2.3	2.2	2.4	2.3	2.2	2.5	2.3	2.4	2.8	2.9	3.2	3.5	3.5	2.51	24	5.0
13	3.7	3.6	3.3	4.2	3.4	2.3	2.4	2.1	2.8	2.6	2.5	2.4	2.4	2.3	3.0	2.8	3.0	3.2	3.4	3.7	5.1	3.3	3.3	2.7	3.07	24	8.0
14*	2.8	2.7	2.9	2.6	2.0	2.2	2.3	2.8	3.1	2.8	2.8	2.8	2.8	3.3	2.8	2.6	2.8	2.0	2.0	2.2	2.0	2.2	2.0	2.1	2.53	24	5.0
15*	2.1	2.1	2.3	2.2	2.2	2.1	2.2	2.4	2.2	4.4	2.5	2.2	2.0	2.0	2.0	2.0	2.1	2.0	2.1	3.2	3.8	4.7	6.6	5.1	2.65	24	9.0
16	4.9	5.9	5.0	4.4	4.2	3.8	3.3	4.1	3.6	4.3	4.2																
17	2.0	2.2	2.1	2.3	2.4	2.7	3.3	3.1	2.6	2.1	2.1	2.0	2.0	2.4	2.3	2.3	2.3	2.4	2.6	2.8	2.5	2.8	2.9	2.0	3.19	22	7.0
18	2.0	2.0	2.0	2.0	2.0	2.2	2.2	2.4	2.6	2.2	2.1	2.1	2.7	2.7	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.20	24	4.0
19	3.1	3.0	2.8	2.8	2.5	2.4	3.1	3.1	2.8	2.7	2.3	2.2	2.2	2.1	2.6	2.4	2.7	3.0	2.3	3.0	2.8	3.8	5.7	5.2	2.68	24	8.0
20	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.5	3.0	3.0	3.0	3.1	3.3	3.4	3.2	3.2	3.4	3.3	3.0	3.3	4.0	3.1	2.8	3.0	2.82	24	8.0
21*	2.9	3.2	3.0	2.9	2.8	2.8	2.8	3.0	2.8	2.8	3.0	2.8	3.0	2.7	2.5	2.4	2.1	2.3	2.6	2.9	2.9	2.7	2.8	2.8	2.76	24	4.0
22*	2.6	2.8	2.9	2.7	2.4	2.4	2.8	2.8	2.8	2.3	2.1	2.1	2.2	2.4	2.6	2.2	2.3	2.5	2.5	2.9	3.2	3.2	4.7	6.8	2.81	24	9.0
23	5.9	7.7	9.3	10.0	3.1	2.9	3.1	3.5	3.1	3.3	2.8	2.5	2.3	2.5	2.5	2.6	2.6	3.0	3.3	4.3	4.3	5.1	4.6	3.3	4.12	23	12.0
24	3.0	4.5	3.2	3.2	4.1	3.8	4.0	4.2	3.3	3.0	2.9	3.0	2.7	2.7	2.8	3.2	2.9	3.2	3.5	3.5	3.8	3.0	3.0	2.9	3.28	24	7.0
25	3.0	2.8	2.8	2.9	2.8	3.0	3.3	3.8	3.3	3.5	4.9	3.0	2.8	3.0	3.1	3.3	3.7	3.3	3.3	3.3	2.8	4.7	2.3	2.7	3.04	24	6.0
26	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.3	2.1	2.0	2.1	2.1	2.0	2.0	2.1	2.04	24	3.0
27	2.1	2.0	2.3	2.0	2.0	2.5	2.7	2.3	2.6	2.5	2.3	2.0	2.1	2.3	2.4	2.3	2.8	2.7	2.6	2.6	2.5	2.9	2.9	2.8	2.41	24	4.0
28*	2.8	2.7	2.3	2.7	2.8	3.1	2.6	2.8	2.9	2.9	2.9	2.8	2.8	2.4	2.4	2.8	2.7	2.3	2.7	2.5	2.8	2.1	2.3	2.4	2.64	24	4.0
29*	2.7	2.7	3.2	2.8	2.9	2.4	2.4	2.5	2.3	2.3	2.7	2.8	2.6	2.8	2.6	2.3	2.3	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.43	24	5.0
30	2.1	2.1	2.0	2.0	2.1	2.0	2.3	2.7	2.3	2.2	2.0	2.3	2.2	2.1	2.0	2.3	2.2	2.0	2.1	2.0	2.5	2.8	3.1	3.5	2.26	29	9.0
31	3.0	3.6	3.3	3.6	3.3	2.9	3.1	3.2	3.3		2.8	2.4	2.1	2.1	2.0	2.0	2.0	2.0	2.2	2.2	2.3	2.8	3.1	2.5	2.66	29	9.0
MEAN	2.8	3.0	3.0	3.0	2.7	2.7	2.9	3.0	2.9	2.7	2.5	2.5	2.5	2.5	2.5	2.6	2.7	2.7	2.7	2.8	2.9	3.0	3.1	3.0	2.78		
NO.	31	31	31	31	31	31	31	31	30	30	30	29	28	31	31	31	31	31	31	31	31	31	31	31		730	
MAX.	5.9	7.7	9.3	10.0	4.5	4.0	5.3	5.6	5.3	4.4	3.3	3.3	3.3	3.4	3.3	3.5	3.9	3.7	3.5	4.3	5.1	5.1	6.6	6.8	4.12		12.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-136.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CINCINNATI, OHIO

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	2.1	2.4	2.6	2.3	2.8	3.0	2.9	2.9	2.2	2.0	2.0	2.2	2.0	2.1	2.0	2.3	2.3	2.7	2.4	2.6	2.6	2.6	2.4	2.1	2.38	24	3.0
2	2.0	2.4	2.6	2.7	2.4	3.2	3.3	3.3	3.5	3.0	3.0	3.0	2.5	2.3	3.0	2.8	2.9	2.7	2.8	2.8	2.5	2.6	2.1	2.2	2.73	24	4.0
3	2.0	2.0	2.0	2.6	2.8	3.0	2.7	2.4	2.8	2.8	2.7	3.0	2.9	2.8	2.4	2.6	2.4	2.3	2.0	2.3	2.2	2.2	2.6	2.0	2.47	24	4.0
4*	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.1	2.0	2.3	2.1	2.3	2.0	2.0	2.1	2.4	2.3	2.4	2.4	2.3	2.13	24	4.0
5*	2.2	2.6	2.2	2.3	2.1	2.3	2.2	2.1	2.0	2.3	2.2	2.5	2.1	2.1	2.1	2.5	2.8	2.8	2.7	3.3	5.4	7.2	4.2	3.2	2.78	24	12.0
6	2.2	2.8	2.6	2.8	2.4	2.0	2.2	3.0	2.5	2.8		2.3	2.6	2.8	2.5	2.6	2.7	2.7	3.2	3.7	3.7	3.0	2.8	3.3	2.72	24	9.0
7	2.3	2.8	2.5	2.0	2.3	2.0	3.5	3.2	3.5	2.6	2.3	2.5	2.0	2.5	2.8	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.44	24	5.0
8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
9	2.0	2.0	2.3	2.2	2.0	2.1	2.6	2.6	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.4	3.6	3.7	4.2	4.1	3.7	2.49	24	5.0
10	3.8	3.8	3.9	3.7	3.3	3.3	3.3	4.2	3.8	3.0	2.8	2.3	2.1	2.0	2.1	2.1	2.3	2.1	2.3	3.8	6.8	6.3	6.5	8.7	3.65	24	11.0
11*	10.0	10.8	10.4	8.4	7.1	6.3	7.2	4.9	4.5	3.3	2.3	2.4	2.0	2.3	2.0	2.3	2.2	2.1	2.3	2.6	4.1	3.5	3.6	2.9	4.55	24	12.0
12*	2.7	2.7	2.8	2.8	2.4	3.1	2.6	2.3	2.1	2.2	2.1	2.1	2.0	2.3	2.3	2.1	2.0	2.1	2.2	2.0	2.0	2.0	2.1	2.3	2.28	24	4.0
13	2.1	2.1	2.2	2.0	2.0	2.2	2.3	2.5	2.3	2.2	2.2	2.2	2.0	2.5	2.3	2.4	2.6	3.0	2.6	2.8	3.7	3.3	5.3	5.7	2.66	24	7.0
14	8.2	8.2	9.3	4.3	3.2	4.0	4.5	4.4	3.3	2.8	2.7	2.4	2.3	2.1	2.2	2.3	2.0	2.1	2.4	2.4	2.8	3.3	3.3	3.4	3.64	24	12.0
15	3.3	4.4	4.1	4.8	3.8	4.2	4.3	2.9	3.1	2.3	2.3	2.0	2.1	2.1	2.1	2.3	2.3	2.7	2.5	2.7	2.6	3.0	3.0	3.4	2.99	24	6.0
16	3.0	3.3	3.1	3.4	2.7	2.2	2.4	3.0	2.9	3.0	3.0	2.8	2.8		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.5	2.8	2.55	23	6.0
17	2.3	2.0	2.1	2.1	2.0	2.6	3.1	3.3	2.1	2.0	2.0	2.0	2.0	2.1	2.3	2.1	2.0	2.1	2.0	2.7	2.3	2.0	2.2	2.1	2.21	24	5.0
18*	2.3	2.6	3.2	2.8	2.8	2.5	2.0	2.4	2.9	2.8	2.8	2.4	2.8	2.3	2.8	2.5	2.8	2.3	2.9	2.7	3.5	3.1	3.3	3.5	2.73	24	7.0
19*	3.1	3.2	3.0	2.9	2.8	3.2	2.8	2.3	2.8	2.8	2.4	3.2	3.4	2.6	2.9	2.9	3.1	3.0	2.9	3.0	3.2	2.8	2.9	3.2	2.89	24	4.0
20	3.3	3.6	3.9	3.5	4.0	3.5	3.3	3.6	3.3	2.9		2.8	2.4	2.5	2.8	3.3	4.8	3.3	3.3	5.4	10.6	9.8	11.1	11.3	4.70	23	14.0
21	6.9	7.7	5.3	4.3	2.8	2.9	3.4	3.9	2.6	2.3	2.2	2.0	2.1	2.0	2.1	2.2	2.4	2.4	2.2	2.9	2.0	2.0	2.4	2.3	3.01	24	10.0
22	2.2	2.3	2.5	2.1	2.1	2.1	2.4	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.5	6.4	2.2	2.0	2.0	2.12	24	3.0
23	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.4	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.9	2.5	2.1	2.0	2.0	2.1	2.0	2.2	2.12	24	4.0
24	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.3	2.0	2.0	2.2	2.1	2.2	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.04	24	3.0
25*	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.01	24	3.0
26*	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.01	24	3.0
27	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.6	2.5	2.8	2.4	2.3	2.0	2.1	2.4	2.7	2.3	2.8	2.7	3.2	2.5	2.5	2.43	24	6.0
28	2.0	2.0	2.1	2.0	2.0	2.2	2.5	2.3	2.4	2.0	2.1	2.0	2.0	2.3	2.3	2.0	2.0	2.2	2.1	2.3	2.0	2.2	2.3	2.3	2.13	24	3.0
29	2.3	2.1	2.4	2.1	2.0	2.0	2.0	2.3	2.0	2.0	2.1	2.1	2.1	2.6	2.5	2.7	2.8	2.8	2.2	2.4	2.7	2.3	2.3	2.4	2.29	24	3.0
30	2.5	2.3	2.3	2.3	2.1	2.0	2.3	2.5	2.3	2.0	2.0	2.2	2.1	2.1	2.3	2.6	2.4	2.4	2.2	2.0	2.3	2.0	2.9	3.9	2.31	24	6.0
MEAN	3.0	3.1	3.1	2.9	2.6	2.7	2.8	2.7	2.6	2.4	2.3	2.3	2.2	2.2	2.2	2.3	2.4	2.4	2.3	2.7	3.1	3.1	3.1	3.2	2.65		
NO.	30	30	30	30	30	30	30	30	30	30	28	30	30	29	30	30	30	30	30	30	30	30	30	30		719	
MAX.	10.0	10.8	10.4	8.4	7.1	6.3	7.2	4.9	4.5	3.3	3.0	3.2	3.4	2.8	3.0	3.3	4.8	3.3	3.3	5.4	10.6	9.8	11.1	11.3	4.70		14.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-137.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CINCINNATI, OHIO

TOTAL HYDROCARBON
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	2.7	4.5	6.4	4.9	6.1	6.1	6.4	3.8	3.0	2.3	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.7	3.1	2.7	2.5	2.2	3.19	24	9.0
2*	2.0	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	4.0
3*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.4	2.7	4.0	2.0	2.11	24	8.0
4	2.2	6.0	6.5	5.2	3.9	3.5	4.6	2.6	4.1	4.8	2.1	2.0	2.0	2.0	2.1	2.1	2.3	2.2	2.5	3.1	3.1	4.8	6.7	6.6	3.46	24	9.0
5	6.2	6.1	5.0	4.8	4.4	3.3	6.2	6.1	3.8	3.0	2.3	2.2	2.2	2.3	2.2	2.3	2.1	2.3	2.8	2.8	3.9	3.3	3.9	4.6	3.73	24	8.0
6	3.4	4.6	4.3	3.8	4.3	3.7	3.4	3.2	3.5	2.2	2.2	2.1	2.1	2.0	2.0	2.1	2.3	2.3	2.3	2.0	2.3	2.8	2.7	2.7	2.93	24	9.0
7	2.9	2.8	2.2	2.2	2.3	2.3	2.3	2.6	2.1	2.0	2.3	2.1	2.4		1.4	1.9	1.9	1.8	1.8	1.9	2.0	2.0	2.2	2.1	2.14	23	3.0
8	2.1	2.0	2.0	1.9	2.0	2.0	2.0	2.1	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.1	2.1	2.1	1.9	1.9	1.6	1.8	1.6	1.91	24	3.0
9*	1.8	1.2	1.4	1.2	1.3	1.2	1.3	1.3	1.3	1.4	1.3	1.5	1.5	1.7	1.6	1.6	1.4	1.8	1.6	1.8	1.8	1.8	1.8	2.0	1.51	24	4.0
10*	2.0	1.8	2.0	2.1	2.1	2.1	2.1	2.0	1.8	1.7	1.8	1.6	1.4	1.6	1.4	1.9	1.9	1.8	1.8	2.0	3.4	4.3	4.7	4.8	2.23	24	7.0
11	5.3	5.5	6.8	6.8	6.3	4.4	3.0	3.0	2.3	2.0	2.2	2.2	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	3.05	24	8.0
12	2.0	2.0	2.0	2.1	2.0	2.0	2.4	2.3	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.1	2.3	2.8	2.4	2.11	24	4.0
13	2.1	2.3	2.0	2.0	2.0	2.0	2.2	2.1	2.1	2.0		2.1	2.0	2.1	2.1	2.1	2.0	2.1	2.3	2.2	2.0	2.3	2.1	2.3	2.08	23	3.0
14	2.2	2.0	2.0	2.0	2.0	2.1	2.1	2.3	2.6	2.2	2.1	2.0	2.0	2.3	2.3	2.0	2.5	2.1	2.0	2.6	3.2	3.9	5.5	5.5	2.55	24	6.0
15	4.4	3.8	4.4	5.0	4.8	4.3	4.3	5.7	5.5	4.8	2.1	2.4	2.4	2.1	2.1	2.2	2.3	2.7	2.9	3.0	4.4	4.7	3.6	3.8	3.54	24	7.0
16*	3.8	3.3	3.5	3.9	3.9	3.1	3.4	3.2	2.8	2.2	2.6	2.3	2.3	2.3	2.8	2.1	2.1	2.4	2.6	2.8	2.9	3.2	3.5	3.2	2.89	24	5.0
17*	2.9	3.2	3.3	3.4	3.0	2.1	2.0	2.1	2.1	2.2	2.1	2.1	2.0	2.1	2.0	2.0	2.1	2.0	2.1	2.3	2.8	4.5	4.7	5.3	2.66	24	7.0
18	5.3	5.3	5.2	5.1	5.2	5.0	4.9	4.9	4.7	2.9	2.2	2.1	2.5	2.8	2.6	2.6	2.9	3.0	3.2	3.0	3.8	4.3	3.7	3.5	3.76	24	6.0
19	3.9	3.7	3.6	3.7	3.5	3.5	3.8	3.1	3.1		3.0	2.6	2.8	2.9	2.9	2.9	2.8	2.8	3.0	3.0	3.2	3.4	3.2	3.0	3.17	23	5.0
20	3.1	3.0	3.1	3.0	3.0	3.0	3.2	3.3	3.1	3.0	3.1	3.1	3.0	3.0	3.0	3.1	3.2	3.0	3.0	3.0	3.0	3.3	3.0	3.0	3.05	24	5.0
21	3.0	3.1	3.0	3.0	3.1	3.8	3.8	3.8	3.9	4.2	4.3	3.7	3.2			2.3	2.3	2.4	2.4	3.3	3.3	5.0	5.3	5.5	3.52	24	7.0
22	5.0	5.3	5.2	4.4	4.9	5.0	5.7	5.0	3.8	3.2	2.8	2.7	2.5	2.4	2.7	2.9	3.1	2.8	3.0	3.0	4.0	4.1	4.4	4.3	3.83	24	7.0
23*	4.1	4.8	3.9	3.1	3.2	3.0	3.5	3.2	3.1	3.1	3.0	2.9	3.0	3.0	3.0	2.9	3.0	3.1	3.0	3.2	3.1	3.3	3.3	3.6	3.24	24	9.0
24*	3.2	3.0	3.1	3.0	3.0	3.0	3.0	3.2	3.0	2.9	3.1	3.0	3.0	3.0	2.9	2.7	2.6	3.0	3.0	3.1	3.2	3.2	3.1	3.0	2.99	24	5.0
25	3.1	3.0	3.0	3.0	4.0	3.1	4.9	4.9	3.1	3.0	3.0	2.9	3.0	3.0	3.0	3.0	3.0	3.0	2.9	3.0	3.0	3.2	4.1	3.9	3.37	24	6.0
26	3.5	4.0	4.0	3.7	3.4	3.2	3.3	3.4	3.8	3.3	3.2	3.1	3.0	3.1	3.0	3.0	3.1	3.3	3.0	3.2	3.3	3.1	3.3	3.1	3.30	24	5.0
27	3.0	3.2	3.2	3.1	3.1	3.5	3.1	3.2	3.0	3.1				2.0	2.1	2.0	2.2	2.2	2.0	2.0	2.1	1.9	2.1	2.0	2.56	21	4.0
28	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.6	3.0	2.7	2.2	2.2	2.4	3.1	2.9	2.8	2.25	24	4.0
29	3.1	4.0	3.7	2.3	2.3	2.8	2.7	2.5	2.2	2.2	2.0	2.0	2.1	2.0	2.1	2.0	2.0	2.1	2.0	2.1	2.1	2.1	2.0	2.0	2.34	24	4.0
30*	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.01	24	3.0
31*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.2	2.9	2.4	2.4	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.08	24	3.0
MEAN	3.2	3.3	3.4	3.2	3.2	3.1	3.2	3.0	2.8	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.3	2.3	2.4	2.5	2.8	3.0	3.2	3.2	2.76		
NO.	31	31	31	31	31	31	31	31	31	30	29	30	30	29	30	31	31	31	31	31	31	31	31	31		730	
MAX.	6.4	6.1	6.8	6.8	6.3	6.1	6.2	6.2	5.5	4.2	4.3	3.7	3.2	3.1	3.0	3.1	3.2	3.3	3.2	3.3	4.4	5.0	6.7	6.6	3.83		9.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 21, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-138.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

TOTAL HYDROCARBON
JUNE 1964

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	2.0	2.0	2.0	2.1	2.0	2.3	2.1	2.5	2.4	2.1	2.1	2.0		2.3	2.0	2.3	2.1	2.0	2.1	3.1	3.0	3.2	3.0	2.8	2.31	24	4.0
2	2.8	2.7	2.0	2.0	2.1	3.6	3.9	3.0	2.9	2.1	2.3	3.2	2.9	2.8	2.7	2.1	2.3	2.6	2.8	2.6	2.7	2.9	2.8	2.7	2.94	24	5.0
3	3.0	3.3	2.9	2.0	2.3	2.8	2.8	2.8	2.3	2.2	2.3	2.1	2.1	2.1	2.2	2.1	2.3	2.2	2.3	2.8	2.6	2.9	3.1	3.0	2.50	24	5.0
4	2.9	3.2	3.1	3.3	3.0	3.2	3.1	3.0	3.2	2.3	2.3	2.4	2.2	2.1	2.1	2.2	2.6	2.2	2.3	2.8	3.1	3.3	3.8	5.0	2.84	24	6.0
5	4.5	4.6	4.9	3.9	3.8	3.8	4.7	4.3	4.0	3.3	2.7	2.3	2.1	2.2	2.3	2.3	2.6	2.8	2.5	2.9	3.2	2.7	2.5	2.6	3.22	24	6.0
6*	2.3	2.3	2.6	2.4	2.6	3.0	3.0	3.3	3.0	2.9	2.8	2.3	2.1	2.2	2.2	2.1	2.3	2.3	2.7	3.4	3.1	3.3	4.4	3.1	2.72	24	6.0
7*	3.1	3.2	2.6	2.5	2.4	2.1	2.1	2.3	2.1	2.3	2.3	2.1	2.4	2.3	2.1	2.0	2.2	2.1	2.3	3.1	3.1	2.7	2.5	3.1	2.44	24	5.0
8	3.4	3.4	3.3	3.2	2.8	2.8	3.0	3.4	3.3	3.1		2.1	2.0	2.1	2.1	2.0	2.3	2.3	2.2	2.2	2.4	2.0	2.2	2.0	2.38	23	5.0
9	2.0	2.0	2.0	2.0	2.0	2.2	2.3	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.1	2.0	2.04	24	5.0
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0					3.3	3.0	3.0	3.7	3.4	3.4	3.8	3.3	2.34	20	7.0
11	3.4	3.1	3.0	3.0	3.0	3.0	3.0	2.9	2.8	2.8	2.8	2.6	3.0	2.5			2.1	2.8	2.1	2.6	3.0	3.0	3.0	2.9	2.82	24	4.0
12	3.0	2.7	2.4	2.1	2.8	2.2	3.0	3.1	3.0	3.0	2.8	2.7	2.4	2.3	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.0	2.6	2.6	2.77	24	4.0
13*	2.8	2.7	2.8	2.7	2.6	2.8	2.8	2.9	2.8	2.8	2.3	2.5	2.4	2.4	2.3	2.7	2.8	3.0	3.0	3.0	3.0	3.2	3.1	3.0	2.74	24	4.0
14*	2.9	3.0	3.0	2.9	2.7	3.0	3.0	2.8	3.1	3.0	2.8	3.0	2.9	2.5	2.9	2.8	2.7	2.7	2.8	3.1	3.0	3.0	2.9	2.9	2.88	24	4.0
15	3.0	3.0	3.0	2.8	2.8	2.8	2.9	3.0	3.1	2.8	2.8	2.8	2.8	2.5	3.0	2.9	2.8	2.9	3.0	2.8	2.8	2.6	2.8	3.0	2.87	24	4.0
16	2.8	3.0	3.0	2.5	2.3	2.3	2.3	2.5	2.7	2.3	2.1	2.3	2.3	2.8	2.9	2.5	2.8	2.3	2.2	2.2	2.8	3.0	3.0	3.0	2.56	24	4.0
17	3.0	2.8	2.4	2.0	2.2	2.4	2.9	2.8	2.4				2.0	2.0	2.1	2.2	2.4	2.3	2.0	2.1	2.7	3.0	3.0	3.0	2.46	21	4.0
18	2.8	2.3	2.5	2.0	2.0	2.2	2.8	2.8	3.1	3.1		2.2	2.3	2.8	2.8	2.8	2.9	2.4	2.2	2.0	2.2	2.2	2.3	2.3	2.45	23	4.0
19	2.3	2.0	2.2	2.3	2.4	2.2	2.1	2.2	2.0	2.0	2.0	2.0	2.0	2.0					2.0	2.0	2.1	2.2	2.2	2.0	2.09	20	4.0
20*	2.0	2.6	2.0	1.9	2.0	2.0	2.0	2.0	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.6	4.1	2.15	24	5.0
21*																											
22																											
23	2.0	2.0	2.0	2.2	2.3	2.1	2.1	2.5	2.1							2.2	2.0	2.3	2.1	2.1	2.3	2.3	2.2	2.2	2.15	18	3.0
24	2.8	2.2	2.0	2.0	2.0	2.0	2.1	2.3	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.0	2.1	2.0	2.0	2.2	2.3	2.1	2.08	24	3.0
25	2.8	2.9	3.2	3.4	3.0	3.9	3.5	2.8	2.7	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0	3.4	4.8	4.9	2.72	24	6.0
26	4.8	5.3	5.3	5.3	5.9	5.2	5.3	4.7	3.1	2.4	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.2	2.0	2.1	3.4	4.4	4.2	4.3	3.48	24	8.0
27*	4.1	4.3	4.8	6.4	4.6	4.3	4.7	4.8	4.4	3.3	2.0	2.2	2.4	2.6	2.3	2.3	2.3	2.4	2.4	3.3	4.0	5.1	4.0	3.0	3.58	24	7.0
28*	3.0	3.0	3.0	2.7	2.2	2.8	2.6	2.1	2.1	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.2	2.3	3.3	4.8	5.3	6.0	2.72	24	7.0
29																											
30																											
MEAN	2.9	2.9	2.9	2.8	2.7	2.8	2.9	2.9	2.7	2.5	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.6	2.8	3.0	3.1	3.1	2.65		
NO.	25	26	26	26	26	26	26	26	26	24	22	24	23	24	22	23	25	25	26	26	26	26	26	26		604	
MAX.	4.8	5.3	5.9	6.4	5.9	5.4	5.3	4.8	4.4	3.3	2.8	3.2	3.0	2.8	3.0	2.9	3.3	3.0	3.0	3.7	4.0	5.1	5.3	6.0	3.58		8.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 21, 1968

Table 3-139.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CINCINNATI, OHIO

TOTAL HYDROCARBON
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1													2.0	2.0	2.3	2.2	2.1	2.1	2.1	2.4	3.0	2.9	3.0	2.9	2.65	24	3.0
2	2.8	2.8	3.3	3.2	3.8	3.8	2.9	2.9	3.0	2.2	2.1	2.1	2.3	2.4	2.3	2.3	2.6	2.1	2.5	3.0	2.7	2.8	2.8	3.0	2.69	24	4.0
3	3.0	2.6	2.5	2.9	3.0	3.0	2.9	2.7	3.0	2.8	2.4	2.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.3	2.8	3.3	3.7	2.47	24	3.0
4*	3.0	3.0	2.6	2.8	2.9	3.0	2.9	2.7	2.1	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.3	3.0	3.0	3.4	2.92	24	3.0
5*	4.3	3.9	3.4	4.0	4.1	4.4	4.0	3.7	3.0	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.3	3.0	3.0	3.0	3.4	2.92	24	3.0
6	4.1	4.5	5.0	5.3	5.0	5.2	5.5	4.8	4.1	2.1	2.0	2.1	2.0	2.1	2.0	2.1	2.3	3.0	2.8	2.4	2.3	2.3	2.2	2.0	3.14	24	6.0
7	2.0	2.1	2.7	3.0	2.6	2.4	2.8	2.9	3.0	2.7	2.8	2.2	2.5	2.6	2.4	2.8	2.3	2.6	2.1	2.3			2.8	2.3	2.52	22	5.0
8	2.2	2.4	2.6	2.8	3.0	2.5				2.8	2.9	2.8	2.7	2.9	2.7	2.7	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.1	2.79	21	4.0
9	3.0	3.2	2.8	2.9	2.9	3.0	2.8	2.9	3.0	3.0	2.9	2.4	2.2	2.5	2.9	3.0	2.9	3.1	2.9	3.0	3.0	3.7	4.3	4.3	3.01	24	5.0
10	4.5	3.7	3.9	4.1	4.6	4.0	4.0	3.3	3.6	3.0	3.0	2.7	2.3	2.3	2.3	2.3	2.4		2.9	3.1	3.6	5.5	6.1	6.8	3.57	23	8.0
11*	6.4	6.5	6.3	6.2	6.3	6.5	6.7	7.0	4.8	3.3	2.8	2.3	2.5	2.3	2.3	2.3	2.4	2.5	2.5	2.8	3.7	3.5	6.3	6.1	4.41	24	8.0
12*	7.1	5.1	3.3	3.3	3.6	3.3	3.3	2.7	2.9	3.0	3.0	2.9	3.0	2.8	2.9	2.8	2.9	2.8	3.0	3.0	3.0	3.1	3.1	3.1	3.29	24	8.0
13	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	2.5		2.0	2.0	2.1	2.1	2.0	2.1	2.2	2.1	2.6	2.9	3.0	3.2	3.0	2.64	23	4.0
14	2.8	2.9	2.6	2.1	2.0	2.1	2.4	2.8	2.4	2.2	2.2	2.2	2.1	2.0	2.1	2.2	2.7	2.5	2.0	2.6	2.8	3.0	2.9	3.0	2.43	24	3.0
15	3.0	2.5	2.2	2.1	2.8	3.0	3.1	3.3	3.1	2.8	2.4	2.2	2.3	2.2	2.3	2.1	2.2	2.2	2.3	2.9	3.1	3.5	3.2	3.5	2.67	24	4.0
16	3.2	3.7	3.3	3.1	3.4	4.7	4.5	4.1	3.3	2.9	2.2	2.2	2.1	2.0	2.1	2.4	2.3	2.2	2.6	2.9	4.0	4.9	5.3	6.2	3.29	24	7.0
17	5.9	5.3	6.0	5.3	4.8	4.8	4.3	4.3	3.0	2.9	2.9	2.1	2.1	2.1	2.0	2.0	2.6	2.4	2.6	2.5	2.9	3.1	3.0	3.4	3.42	24	7.0
18*	3.8	3.0	3.2	3.5	3.6	3.2	3.0	2.9	2.6	2.6	2.2	2.2	2.0	2.0	2.2	2.0	2.3	3.1	2.8	2.5	2.8	3.3	4.0	3.7	2.83	24	5.0
19*	3.8	3.6	3.8	3.2	4.0	4.3	4.4	3.7	3.0	2.9	3.0	2.3	2.3	2.0	2.3	2.3	2.9	3.0	2.8	3.0	3.1	3.0	3.4	3.2	3.13	24	5.0
20	3.0	3.0	3.0	4.1	3.7	4.4	4.3	4.9	4.8	2.9	2.3	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.0	3.3	3.8	4.7	4.3	3.1	3.14	24	5.0
21	2.1	2.5	2.6	3.9	4.1	4.3	3.8	3.2	3.0	3.2	3.8	3.2	3.0	3.0	2.8					2.0	2.3	3.0	3.0	3.0	3.07	20	5.0
22	4.1	3.9	4.7	4.3	5.0	5.0	5.9	5.3	3.6	3.0	2.4	2.5	2.1	2.1	2.0	2.1	2.1	2.8	2.2	3.6	4.0	4.3	5.3	5.5	3.62	24	6.0
23	4.2	4.8	5.7	5.5	5.1	5.1	4.3	3.2	3.2	3.6	3.3	2.6	2.1	2.1	2.3	2.5	2.9	3.0	3.0	3.0	2.8	3.0	3.1	3.3	3.47	24	6.0
24	3.0	3.8	2.8	2.3	2.1	2.9	3.8	4.0	2.8	2.6	2.3	2.2	2.0	2.0	2.2	2.3	2.5	2.2	2.0	2.4	3.0	3.2	3.9		2.86	23	7.0
25*	6.1	6.3	6.3	6.4	6.6	6.3		6.1	5.5	3.5	2.8	2.8	2.3	2.4	2.5	2.5	2.5	3.0	3.2	3.0	3.0	3.4	3.0	3.6	4.03	23	7.0
26*	4.0	4.1	3.3	3.0	3.0	3.2	3.0	3.0	2.7	3.0	3.0	3.0	3.0	2.5	2.1	2.2	2.2	2.3	2.1	2.3	3.3	4.2	3.3	3.8	2.97	24	5.0
27																											
28																											
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.1	2.0	2.0	2.3	2.2	2.1	2.3	2.0	2.4	2.3	2.0	2.0	2.5	2.4	2.5	3.0	2.17	24	5.0
30	2.8	2.8	2.9	2.6	2.1	2.1	3.0	3.1	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.3				2.3	3.0	2.9	2.6	2.4	2.44	21	4.0
31	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.5	2.3	2.3	2.2	2.0	2.0	2.1	2.0	2.0	2.2	2.0	2.6	3.0	3.0	3.0	2.9	2.28	24	5.0
MEAN	3.6	3.5	3.5	3.5	3.6	3.7	3.7	3.6	3.1	2.7	2.5	2.3	2.2	2.2	2.3	2.3	2.4	2.5	2.4	2.7	3.0	3.4	3.6	3.6	3.00		
NO.	28	28	28	28	28	28	26	27	27	28	27	28	28	28	28	27	26	25	26	28	27	27	28	27		650	
MAX.	7.1	6.5	6.3	6.4	6.6	6.5	6.7	7.0	5.5	3.6	3.8	3.2	3.0	3.0	2.9	3.0	2.9	3.1	3.2	3.6	4.0	5.5	6.3	6.8	4.41		8.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-140.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CINCINNATI, OHIO

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
AUG. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	2.6	2.3	2.0	2.9	2.9	3.0	3.	3.	3.	3.	3.	3.0	2.0	2.8	2.5	2.4	2.5	2.6	2.7	3.0	3.5	3.4	3.3	3.2	2.87	24	3.0
2*	3.3	3.0	3.0	3.0	3.	3.0	3.	3.	2.9	2.4	2.5	2.2	2.1	2.2	2.3	2.2	2.1	2.3	2.4	2.9	3.0	3.0	2.9	2.9	2.68	24	4.0
3	3.0	3.0	3.0	2.9	2.9	2.7	2.9	3.	2.9	2.1	2.8	2.6	2.0	2.3	2.7	2.7	3.0	2.7	2.1	2.6	2.4	2.6	2.0	2.2	2.66	24	3.0
4	2.1	2.5	2.3	2.3	3.0	2.8	3.	3.4	3.	3.	3.0	2.7	2.5	2.5	2.4	2.3	2.1	3.1	3.2	3.5	3.1	3.1	3.6	3.0	2.88	24	7.0
5	3.0	2.8	3.0	3.0	3.	3.5	3.5	3.	3.1	2.9	2.3	2.2	2.0	2.1	2.4	2.2	2.8	2.5	2.2	2.7	2.7	2.2	2.0	2.0	2.63	24	4.0
6	2.0	2.0	2.1	2.0	2.	2.3	3.	3.0	3.	2.6	2.1	2.3	2.8	3.0	3.0	2.8	2.6	2.3	2.6	3.0	3.0	3.0	3.0	2.9	2.59	24	3.0
7	3.0	2.3	3.	2.	3.5	2.	2.	2.	2.4	3.	3.0	2.6	2.2	2.5	2.4	2.1	2.3	2.3	2.6	3.	3.0	3.1	3.0	3.1	3.17	24	7.0
8*	2.8	2.8	2.3	2.3	2.4	2.8	2.8	2.0	2.3	2.3	2.1	2.2	2.0	2.0	2.1	2.2	2.3	2.3	2.4	2.9	3.0	3.0	2.9	2.6	2.44	24	4.0
9*	2.2	2.4	2.	2.3	2.	2.	2.4	2.3	2.	2.	2.1	2.1	2.1	2.2	2.1	2.2	2.2	2.3	2.3	2.8	3.0	3.0	2.7	2.0	2.36	24	3.0
10	2.0	2.0	2.0	2.0	2.0	1.7				3.3	3.0	2.8	2.3	2.3	2.8	2.3	2.8	2.8	2.6	2.8	3.9	4.4	3.9	3.3	2.72	21	3.0
11	3.0	2.6	2.3	2.2	2.2	2.3	2.4	2.8	2.1	2.8	2.9	2.6	2.6	2.6	2.4	2.6	2.4	2.3	2.2	3.0	2.9	2.4	2.0	2.1	2.50	24	3.0
12	2.0	2.0	2.4	2.3	2.0	2.4	2.5	3.	2.8	2.4							2.4	2.4	2.2	2.8	2.8	2.9	3.0	3.0	2.52	18	3.0
13	2.8	3.0	2.8	2.4	3.3	3.2	3.	3.4	3.0	2.3	2.1	2.3	2.4	2.3	2.4	2.4	2.7	2.9	2.8	3.0	3.3	3.1	3.5	3.0	2.80	24	4.0
14	3.0	3.0	3.0	3.0	3.	3.3	3.2	3.1	2.6	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.0	2.6	3.0	4.2	3.8	4.8	2.83	24	7.0
15*	3.4	2.6	2.1	2.7	3.0	3.3	3.5	3.	2.9	2.2	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.2	2.8	3.0	3.0	3.0	3.3	2.89	24	7.0
16*	5.8	7.4	6.8	5.3	5.4	6.1	5.3	4.5	3.	2.7	2.0	2.0	2.2	2.0	2.1	2.1	2.7	2.4	2.8	3.2	5.1	5.2	5.3	5.5	4.19	24	8.0
17	5.0	4.7	5.6	5.3	5.1	5.1	5.3	5.	4.1	3.	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.2	2.6	3.0	3.1	3.0	3.0	3.0	3.44	24	6.0
18	2.9	2.6	3.0	2.4	2.3	2.5	3.6	3.9	3.	2.4	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.2	2.40	24	4.0
19	2.7	2.0	2.4	2.3	2.9	2.8	3.3	4.	3.	2.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.5	3.3	2.3	3.0	2.47	24	5.0
20	2.4	3.0	3.0	3.1	2.3	2.0	2.1	2.5	3.	2.8	2.1	2.0	2.0	2.0	2.1	2.0	2.2	2.0	2.1	2.8			3.3	2.5	2.41	22	4.0
21	2.0	2.0	2.0	2.0	2.0	2.0	2.	2.	2.	2.	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.2	2.0	2.1	2.2	2.1	2.02	24	3.0
22*	2.0	2.0	2.0	2.0	2.	2.0	2.	2.	2.	2.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.6	2.9	2.8	2.5	2.0	2.14	24	3.0
23*	2.3	2.0	2.1	2.0	2.	2.0	2.	2.	2.1	2.		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.9	2.8	3.0	3.1	3.7	2.26	23	5.0
24	3.9	3.5	4.2	4.0	4.7	4.2	4.0	5.3	4.8	3.4			2.0	2.0	2.0	2.1	2.1	2.3	2.4	2.8	3.8	3.7	3.1	2.9	3.34	22	6.0
25	2.1	2.8	2.5	2.3	2.1	2.4	2.5	3.0	2.5	2.2	2.1	2.0	2.0	2.0	1.7									2.0	2.25	10	3.0
26	2.0	2.0	2.5	2.3	2.3	2.0	2.5	2.4	2.8	2.2	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.1	2.3	2.0	2.0	2.0	2.13	24	4.0
27	2.0	2.0	2.0	2.2	2.0	2.0	2.	2.4	2.2	2.	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.4	3.0	3.9	3.1	3.1	2.26	24	6.0
28	2.9	2.3	2.1	2.0	2.	2.0	2.	2.4	2.2	2.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.08	24	3.0
29*	2.0	2.2	2.3	2.3	3.1	4.2	4.4	3.0	2.3	2.8	2.1	2.0	2.0	2.0	2.0	2.0	2.2	2.3	2.1	2.8	3.7	5.4	6.4	6.5	3.01	24	7.0
30*	6.2	5.7	5.8	5.7	5.8	5.8	5.6	3.	3.7	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.1	2.4	3.3	3.29	24	7.0
31	3.6	3.2	2.3	2.0	2.	2.0	2.	2.3	2.	2.	2.0		2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.2	2.8	2.2	2.1	2.20	23	3.0
MEAN	2.9	2.9	3.0	2.4	3.	3.0	3.	3.1	2.8	2.	2.3	2.2	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.7	2.9	3.1	3.0	2.9	2.66		
NO.	31	31	31	31	31	31	30	30	30	31	28	28	30	30	30	29	30	30	30	30	29	29	30	31		721	
MAX.	6.8	7.4	6.8	6.3	6.4	6.1	5.3	5.3	4.8	3.4	3.0	3.0	2.8	3.0	3.0	2.8	3.0	3.1	3.2	3.5	5.1	5.4	6.4	6.5	4.19		8.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-141.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	2.0	2.1	2.1	2.0	2.0	2.0	2.1	2.5	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.05	24	3.0
2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.1	2.1	2.0	3.0	2.9	2.13	24	4.0
3	3.9	3.5	3.3	3.8	3.0	3.0	3.9	4.7	3.3	2.1	2.1	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.6	2.5	3.8	3.8	2.6	2.90	24	8.0
4	2.8	2.4	2.4	2.3	2.6	2.0	2.0	2.2	2.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.5	2.7	2.0	2.0	2.1	2.39	24	4.0
5*	2.0	2.1	2.2	2.1	2.0	2.0	2.2	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.5	2.8	4.4	4.9	2.31	24	6.0
6*	4.7	4.9	4.7	4.9	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0			2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.51	22	6.0
7	2.0	2.0	2.0	2.0	2.1	2.7	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.3	2.0	3.5	2.16	24	5.0
8	4.3	3.9	4.5	3.9	4.4	4.4	4.3	4.4	3.5	3.0	3.0	2.5	2.0	2.0	2.0	2.0	2.2	2.0	2.3	4.0	3.7	5.0	5.9	4.7	3.49	24	7.0
9	4.9	4.8	4.3	5.2	5.0	5.8	6.3	6.6	6.8	5.8	2.8	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.6	4.4	6.0	6.6	6.2	5.4	4.32	24	8.0
10	6.4	7.4	6.6	6.5	4.8	5.8	5.9	5.7	4.9	3.6	2.6	2.1	2.1	2.0	2.0	2.0	2.0	2.1	2.7	2.3	5.1	6.5	5.8	6.3	4.27	24	9.0
11	5.7	4.8	4.5	4.6	5.6	4.3	2.3	2.5	2.0	2.1	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.68	24	7.0
12*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
13*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0			2.0	2.0	2.0	2.0	2.0	2.6	3.8	4.0	4.2	4.4	2.40	22	6.0
14	4.3	4.3	4.7	5.2	4.9	4.5	5.5	6.2	6.3	4.0	2.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.2	4.2	4.3	6.0	5.0	3.77	24	7.0
15	4.1	4.5	4.2	3.3	3.3	4.1	4.3	5.4	4.9	3.6	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	3.0	5.8	6.3	5.9	4.7	3.50	24	8.0
16	2.0	2.0	2.0	6.0	4.8	4.7	3.4	3.6	3.0	3.8	3.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	3.7	4.3	3.8	6.3	3.22	24	8.0
17	5.8	5.8	6.5	6.3	6.4	5.2	3.8	4.7	3.8	3.0	2.2	2.0	2.0		2.0	2.0	2.1	2.3	2.2	2.0	2.1	2.0	2.0	2.0	3.48	23	8.0
18	2.1	2.0	2.0	2.0	2.0	2.0	2.1	3.3	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.08	24	4.0
19*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.1	2.1	2.0	1.9	2.0	1.7	2.0	2.0	2.0	2.1	3.0	2.8	5.0	7.1	6.9	2.60	24	9.0
20*	7.1	6.3	5.8	4.2	3.3	3.0	3.1	3.0	2.9	2.8	2.5	2.0	1.9	1.6	1.7	2.0	2.0	2.0	2.4	4.4	2.1	2.0	2.0	2.0	2.99	24	8.0
21	2.0	2.2	2.0	2.0	2.0	2.0	2.9	2.8	2.5	2.1	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.2	2.3	2.1	2.0	2.3	2.4	2.2	2.15	24	5.0
22	2.1	2.0	2.0	2.3	2.1	2.0	2.0	2.4	2.1	2.0	2.0						1.9	2.0	2.7	3.5	4.0	6.0	3.3	2.1	2.34	19	6.0
23	2.1	2.3	2.1	2.0	2.0	2.0	2.1	2.1	2.0	2.0	1.9	1.8	1.4	1.6			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.96	22	5.0
24	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.9	3.4	3.8	3.7	2.8	2.28	24	5.0
25	2.1	2.0	2.1	2.0	2.0	2.0	2.1	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.2	3.6	2.8	2.0	2.0	2.17	24	5.0
26*	2.0	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.1	2.1	2.0	2.0	2.0	2.03	24	5.0
27*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
28	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.3	2.01	24	5.0
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.7	2.0	2.0			2.0	2.0	2.0	2.2	2.0	2.0	2.1	3.1	4.5	4.9	5.9	2.52	22	7.0
30	5.3	5.1	5.6	4.3	3.8	4.0	4.0	3.8	3.2	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.88	24	6.0
MEAN	3.2	3.2	3.1	3.2	3.0	2.9	3.0	3.1	2.9	2.5	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.6	2.9	3.4	3.4	3.2	2.66		
NO.	30	30	30	30	30	30	30	30	30	30	30	28	27	27	28	27	29	30	30	30	30	30	30	30		706	
MAX	7.1	7.4	6.5	6.5	6.4	5.8	6.3	6.6	6.8	5.8	3.3	2.6	2.1	2.0	2.1	2.1	2.2	2.3	2.7	4.4	6.0	6.6	7.1	6.9	4.32		9.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV. DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-142.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
OCT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3*	4.1	5.4	5.1	5.3	4.8	3.6	3.3	4.8	3.9	4.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.6	3.5	5.4	6.1	7.1	6.7	5.3	4.21	24	9.0
4*	5.3	4.3	4.0	3.0	3.8	4.1	4.1	4.1	4.1	4.4	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.2	2.4	2.3	2.1	2.1	2.2	2.62	24	7.0
5	2.0	2.1	2.1	2.1	2.1	2.1	4.5	4.8	4.9	4.2	2.1	2.0	2.0	2.0	2.0	2.0	2.1	2.6	2.0	3.0	3.1	3.4	3.3	3.0	2.36	24	5.0
6	4.3	5.7	5.3	3.1	3.2	3.1	4.6	3.0	2.8	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.5	4.8	6.0	5.1	5.9	5.6	3.42	24	9.0
7	4.3	2.8	3.0	2.9	2.2	2.9	2.8	3.0	3.2	3.0			2.0	2.0	2.0	2.4	2.8	2.6	3.0	3.0	3.0	3.0	2.3	3.0	2.77	22	6.0
8	2.9	2.8	2.6	2.4	2.3	3.0	3.1	3.2		2.0	2.0	2.0	2.0	2.1	2.3	2.9	3.0	3.0	2.8	2.7	3.0	2.2	2.0	2.0	2.57	23	4.0
9	2.0	2.1	2.0	2.1	2.1	2.1	2.4	2.0	2.0	2.0	2.2	2.1	2.1	2.0	2.0	2.1	2.3	2.4	2.4	2.5	2.8	3.0	3.2	2.7	2.25	24	4.0
10*	3.0	2.9	3.0	3.0	2.8	2.9	3.2	3.0	2.7	2.3	2.3	2.2	2.0	2.0	2.1	2.2	2.2	2.2	2.8	3.1	3.4	3.0	3.3	3.0	2.68	24	4.0
11*	3.0	3.0	2.8	2.1	2.0	2.4	2.6	2.8	2.0	2.0	2.0	2.0	2.0	2.3	2.7	2.6	2.0	2.1	3.0	3.0	8.0	8.7	8.5	8.3	3.39	24	9.0
12	7.6	7.3	7.0	6.5	1.1	7.3	4.7	4.0	4.8	4.3	2.8	2.6	2.5	2.3	2.3	2.7	2.9	3.0	3.3	5.0	8.2	7.1	4.9	6.7	4.86	24	9.0
13	6.3	7.2	7.0	6.8	5.2	1.1	5.3	7.2	6.6	4.0	3.8	3.0	2.0	2.0	2.2	2.3	2.6	3.3	6.1	5.5	5.3	5.8	6.8	6.8	5.01	24	9.0
14	7.3	8.0	7.7	7.1	1.9	8.0	8.1	7.9	5.0	3.0	3.0	2.6	2.0	2.1	2.0	2.0	2.2	3.0	3.3	3.0	3.8	7.0	7.8	7.8	5.08	24	9.0
15	8.2	9.0	8.2	8.3	1.9	1.9	7.8	8.3	7.2	5.9	5.7	3.1	2.5	2.1	2.2	2.6	2.9	3.4	3.4	3.3	3.2	3.0	3.4	3.6	5.16	24	9.0
16	3.3	8.7	7.8	6.1	6.3	5.8	5.8	4.8	4.2	3.9		2.9	2.4	2.6	2.1	2.2	2.8	3.4	5.3	3.9	3.1	3.0	3.1	3.2	4.21	23	9.0
17*	3.3	4.0	5.2	5.3	4.0	4.8	4.1	7.3	4.4	3.4	3.1	2.4	2.3	2.2	2.2	2.2	2.3	3.7	6.8	5.7	6.5	6.7	6.3	6.6	4.35	24	9.0
18*	4.8	5.9	4.3	4.8	6.1	5.4	5.4	5.8	4.3	4.0	3.8	3.0	2.8	2.8	2.5	2.1	2.2	2.0	2.0	2.1	2.2	2.2	2.2	2.1	3.63	24	8.0
19	2.0	2.2	2.2	2.1	2.8	2.6	2.7	3.0	2.6	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.4	2.2	2.1	2.8	2.3	2.3	2.25	24	3.0
20	2.4	3.7	3.4	3.4	3.2	3.3	3.2	3.2	3.3	2.7	2.0	2.0	2.1	2.0	2.0	2.0	2.3	2.8	2.6	2.8	2.7	3.1	2.4	2.7	2.71	24	5.0
21	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.9	2.2	2.3	2.06	24	3.0
22	2.9	3.8	5.0	3.4	4.8	3.5	3.9	3.7	3.8	3.2	2.5	2.0	2.1	2.0	2.0	2.0	2.7	3.1	2.3	2.6	2.8	3.2	4.3	5.2	3.21	24	8.0
23	4.0	3.5	4.2	3.8	3.2	3.0	3.0	3.1	3.0			2.1	2.5	2.4	2.4	2.3	2.5	2.8	3.1	4.1	6.9	5.8	5.2	5.3	3.56	22	9.0
24*	7.9	7.1	7.3	8.3	1.9	1.8	8.3	7.8	7.3	5.8	5.8	2.6	2.4	2.3	2.4	2.6	2.6	3.0	3.8	6.0	6.7	7.1	7.4	7.8	5.62	24	9.0
25*	7.9	6.8	5.8	4.8	4.0	4.0	4.0	4.2	3.8	3.0	3.0	2.7	2.2	2.7	2.5	2.8	3.0	3.5	7.1	8.0	5.7	6.8	5.8	8.0	4.62	24	9.0
26	8.4	5.8	6.1	5.9	5.9	1.3	1.9	7.8	1.8	6.2	4.2	3.0	2.5	2.0	2.0	2.3	3.1	3.3	3.8	6.6	7.3	9.0	8.5		5.51	23	9.0
27	8.0	5.8	5.8	5.1	1.2	5.6	6.7	5.7	4.5	3.2	2.9	2.2	2.4	2.5	2.3		3.4			4.7	3.8	4.4	4.3		4.33	20	9.0
28																											
29	2.0	2.1	2.7					2.9	3.0	2.9	2.9	3.0	3.0	3.0	3.0	2.9			2.9	3.0		3.0	3.0	3.2	2.85	17	9.0
30																											
31*					3.0					2.5	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	3.0	3.0	3.4	3.0	3.4		2.49	19	5.0
MEAN	4.6	4.8	4.7	4.4	4.4	4.5	4.4	4.4	4.0	3.3	2.7	2.4	2.2	2.2	2.2	2.3	2.5	2.7	3.4	3.8	4.3	4.6	4.5	4.5	3.65		
NO.	24	26	26	25	26	25	25	26	25	26	24	26	27	27	27	26	26	25	26	27	26	27	27	24		621	
MAX.	8.4	9.0	8.2	8.3	7.2	8.0	8.3	8.3	7.8	6.9	5.7	3.1	3.0	3.0	3.0	2.9	3.4	3.7	7.1	8.0	8.2	9.0	8.5	8.3	5.62		9.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED NOV., DEC. 2, 1968

Table 3-143.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CINCINNATI, OHIO

TOTAL HYDROCARBON
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	6.3				8.3	8.0	8.5	7.2	7.7	4.8	3.0	3.2	3.0	2.5	3.0	2.9	2.3	3.5	3.8	3.6		6.3	8.5	9.0	5.27	20	9.0
2																											
3																											
4																											
5																											
6																											
7*	8.9	10.7	10.1	12.8	11.5	10.3	11.6	14.2	13.8	14.2	12.9	10.8	4.8	3.3	3.2	3.0	3.8	3.3	5.8	7.8	8.9	9.3	11.3	9.3	8.84	24	18.0
8*	1																										
9																											
10																											
11		3.3	3.4	3.0	3.0	3.4	3.4	3.7	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.09	23	4.0
12	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.0	3.0	2.9	2.7	2.6	2.6	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.7	2.98	24	4.0
13																											
14*											3.2	2.3	2.1	2.3	2.1	2.0	2.0	2.8	3.0	3.1	2.9	1.6.3	10.4	11.1	5.38	14	18.0
15*	10.4	8.7	8.3	9.8	8.0	8.1	8.0	6.2	5.5	5.0	3.3	4.1	2.2	2.3	2.7	2.8	2.2	2.9	3.3	3.0	2.1	2.4	2.8	3.0	4.70	24	16.0
16	3.4	3.3	2.7	2.8	2.7	3.3	3.0	2.8	3.1	3.1	3.2	3.2	3.1	3.0	3.3	3.1	3.0	3.0	3.0	2.5	2.7	2.9	3.0	2.9	2.99	24	5.0
17	2.8	3.1	3.1	3.4	3.8	3.8	6.0	4.8	3.3	3.2	3.0	3.0	2.9	3.0	3.0	3.1	3.0	3.1	3.0	3.0	3.0	3.1	2.8	2.3	3.34	24	8.0
18	2.0	2.1	2.0	2.3	2.3	2.4	2.7	3.3	3.5	3.0	3.0	3.1	2.7	2.8	3.0	2.9	3.1	3.7	2.9	3.0	3.4	4.8	3.2	2.2	2.79	24	5.0
19	2.6	2.1	2.6	2.9	3.0	2.7	2.8	2.9	3.0	4.8	3.0	3.0	3.8	3.7	3.6	3.3	3.0	4.5	2.0	2.0	2.0	2.3	2.2	2.0	2.73	24	5.0
20	2.0	2.0	2.0	2.0	2.0	2.1	2.4	2.1	2.8	2.3	2.1	2.3	2.3	2.1	2.0	2.2	2.6	2.5	2.1	2.2	2.0	2.0	2.0	2.0	2.17	24	3.0
21*	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.3	2.3	2.8	3.1	3.1	3.1	4.3	3.1	3.0	2.38	24	1.0
22*	3.1	2.7	3.3	3.0	2.7	2.5	2.7	2.8	2.7	2.3	2.0	2.0	2.1	2.1	2.3	2.3	2.6	3.0	3.0	3.0	3.0	3.1	3.1	3.0	2.66	24	4.0
23	3.0	3.0	3.2	3.0	3.0	2.8	3.1	3.9	4.3	4.1	3.1	3.0	3.0	2.8	3.0	3.0	3.3	4.1	6.7	10.7	11.4	13.2	10.6	9.5	5.02	24	18.0
24	9.2	8.3	7.8	9.8	12.7	9.7	10.8	10.3	11.6	10.8	6.6	3.6	3.1	3.0	2.8	3.1	3.3	4.8	8.2	12.6	12.7	11.4	10.6	4.2	7.93	24	17.0
25	3.4	3.4	3.0	3.2	3.0	3.0	3.0	3.7	3.0	3.7	3.8	3.7	4.2	3.7	3.7	3.3	3.2	3.0	3.0	3.0	3.1	3.2	4.0	4.3	3.42	24	6.0
26	4.0	3.3	3.0	3.2	3.0	3.1	3.0	3.0	3.0	2.8	2.8	2.9	3.1	3.0	2.9	2.9	3.0	3.2	3.5	3.5	3.1	3.4	3.3	3.6	3.14	24	5.0
27	5.0	5.1	5.8	6.4	3.8	4.6	5.7								3.1	3.0	3.3	3.8	3.3	3.5	3.0	3.1	2.8	3.0	4.00	17	9.0
28*	3.0	2.5	2.5	2.0	2.0	2.0	2.2	2.2	2.3	2.5	2.3	2.4	2.5	2.3	2.0	2.1	2.6	2.8	3.1	3.0	3.3	3.0	2.9	2.2	2.47	24	4.0
29*	2.5	2.6	2.1	2.0	2.1	2.2	2.3	2.3	2.4	2.0	2.1	2.1	2.2	2.3	2.0	2.0	2.0	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.13	24	3.0
30	2.0	2.0	2.1	2.0	2.0	2.0	2.1	2.1	2.2	2.0	2.0	2.0	2.0	2.7	3.0	3.0	3.3	3.0	3.0	3.3	3.1	3.3	3.0	3.1	2.50	24	4.0
MEAN	4.1	3.8	3.8	4.1	4.2	4.1	4.4	4.4	4.3	3.8	3.5	3.2	2.8	2.7	2.8	2.8	2.8	3.2	3.5	4.0	4.4	4.9	4.7	4.2	3.76		
NO.	19	19	19	19	20	20	20	19	19	19	20	20	20	20	21	21	21	21	21	21	20	21	21	21		484	
MAX	10.4	10.7	10.1	12.8	12.7	10.3	11.6	14.2	13.8	14.2	12.9	10.8	4.8	3.7	3.7	3.3	3.8	4.8	8.2	12.6	12.9	11.3	11.3	11.1	8.84		18.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 21 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-144.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
DEC. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	3.3	3.2	3.0	3.0	3.0	4.1	4.5	4.3	4.4	4.3	3.1	3.2	3.0	3.0	3.0	3.3	3.0	3.3	3.0	3.0	3.0	3.0	3.3	3.0	3.39	24	6.0
2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	4.0	4.0	3.8	3.0	3.1	3.7	3.6	3.9	4.7	5.0	4.3	3.3	5.1	4.4	3.1	3.3	3.60	24	9.0
3	3.2	3.1	3.0	3.1	3.0	3.0	3.1	4.3	5.0	3.8	4.0	4.0	4.3	4.5	4.1	6.0	10.2	12.5	7.8	4.7	4.0	4.1	4.3	4.6	4.72	24	14.0
4	4.3	3.8	4.0	3.3	4.6	5.1	5.3	5.3	5.3				4.4	3.9	4.0	3.5	3.1	3.3	2.9	2.8	3.3	2.8	2.9	2.8	3.81	21	9.0
5*	2.5	2.7	2.5	2.1	2.4	2.1	2.2	2.8	3.0	3.0	2.8	2.9	2.9	2.7	2.1	2.9	3.0	2.6	2.8	2.5	2.7	2.4	2.8	2.3	2.63	24	4.0
6*	2.1	2.1	2.0	2.0	2.1	2.0	2.1	2.3	2.3	2.4	2.5	2.3	2.1	2.0	2.5	2.3	2.3	2.7	2.7	2.8	2.6	2.4	3.3	3.1	2.36	24	4.0
7	3.3	3.0	3.0	2.9	2.8	3.0	2.9	2.8	2.9	3.0	2.8	3.0	2.8	3.0	3.0	3.0	3.0	3.3	2.9	3.0	3.0	3.0	2.9	2.5	2.94	24	4.0
8	2.7	2.4	2.6	2.4	2.9	3.0	3.0	3.0	3.1	2.9	3.0	3.1	2.9	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	2.8	2.8	2.93	24	4.0
9	2.5	2.6	2.4	2.6	2.3	2.8	3.0	3.0	2.8	2.8	2.0	2.6	2.5	2.8	2.8	2.5	2.7	2.8	3.0	3.1	3.0	3.0	3.0	3.0	2.76	24	5.0
10	3.0	3.5	3.0	2.9	2.8	3.0	3.0	4.2	4.4	4.2	4.1	3.9	3.2	3.5	3.5	3.3	3.6	4.1	4.1	3.2	3.3	3.3	2.9	2.9	3.44	24	6.0
11	2.8	2.0	2.3	3.3	2.9	3.1	3.0	3.3	3.7	3.0	3.7	3.8	3.3	3.0	2.7	3.0	3.0	3.0	3.0	3.1	3.3	3.0	3.1	3.1	3.05	24	5.0
12*	3.5	3.8	3.1	3.3	3.3	3.8	4.2	3.8	3.8	3.1	3.3	3.0	2.9	2.9	2.8	2.6	2.9	3.2	3.8	4.7	4.2	4.4	3.8	3.4	3.49	24	6.0
13*																											
14										2.8	2.4	2.3	2.3	2.6	2.3	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0			
15	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.7	2.2	2.8	2.0	2.6	2.2	2.1	2.0	2.0	2.4	2.8	2.8	2.3	3.2	3.0	2.4	2.1	2.39	24	12.0
16	2.2	2.8	2.8	2.2	2.3	2.8	3.0	3.2	3.0	2.4	2.5	2.6	2.5	2.8	2.9	3.0	2.8	2.8	3.0	2.3	2.3	2.0	2.0	2.0	2.57	24	8.0
17	2.0	2.3	2.9	3.1	3.0	2.8	2.6	3.2	3.2	3.0	2.8	2.9	2.9	2.7	2.4	2.2	2.3	2.4	2.1	2.1	2.0	2.0	2.0	2.0	2.50	24	4.0
18	2.0	2.0	2.0	2.4	2.8	3.0					1.5		2.3	2.1	2.3	2.4	2.8	3.1	3.1	2.9	3.2	3.9	4.3	3.9	2.72	19	5.0
19*	3.1	3.2	3.0	3.0	3.2	2.8	3.0	3.2	3.0	2.4	2.3	2.4	2.3	2.4	2.8	2.8	3.2	2.3	2.8	2.9	2.9	2.7	2.7	2.4	2.75	24	4.0
20*	2.0	2.1	2.4	2.6	2.8	2.8	4.1	3.8	2.4	2.0	2.2	2.3	2.1	2.2	2.2	2.0	2.9	3.2	4.9	5.8	7.0	8.9	10.1	9.4	3.82	24	13.0
21	10.3	12.2	8.7	9.0	8.8	8.8	8.5	5.7	6.0	5.7	4.3	5.1	3.7	3.1	3.4	3.8	4.2	5.0	4.8	3.9	3.0	3.2	3.2	3.3	5.71	24	14.0
22	3.2	3.0	2.3	2.6	2.7	3.0	2.9	3.2	2.9	2.7	2.8	2.6	3.0	2.8	2.9	3.0	3.1	3.0	2.8	2.1	2.4	2.1	2.3	2.6	2.73	24	6.0
23																											
24										2.2	2.4	2.6	2.8	2.9	3.0	2.9	2.9	3.0	2.9	2.3	2.3	2.0	2.9	3.0	2.67	19	4.0
25	3.0	3.0	2.9	2.8	2.7	2.9	2.9	2.8	3.0	3.1	2.9	2.9	2.8	3.0	3.2	3.2	3.1	3.0	3.0	3.1	3.1	3.1	3.3	3.3	2.99	24	4.0
26*	4.3	4.1	5.3	4.9	4.8	3.8	3.2	2.7	2.9	2.5	2.5	2.9	2.7	3.0	3.0	3.2	3.1	3.0	2.3	2.0	2.2	2.3	2.2	2.3	3.18	24	7.0
27*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.2	2.2	2.6	2.8	2.4	2.8	2.8	2.6	3.0	2.9	3.0	2.8	3.0	2.9	2.3	2.2	2.42	24	3.0
28	2.4	2.2	2.4	2.5	2.1	2.5	2.1	2.4	2.7	2.2	2.2	2.3	2.4	2.7	3.0	2.9	2.8	3.0	2.6	2.4	2.2	2.7	2.3	2.3	2.46	24	3.0
29	2.1	2.0	2.1	2.1	2.2	2.8	3.0	3.5	3.4	3.3	3.3	3.7	3.0	3.0	3.0	3.0	3.0	3.7	3.4	3.6	3.0	3.0	3.0	3.0	2.96	24	5.0
30	2.8	2.3	2.3	2.6	2.9	2.7	2.8	3.0	3.0	3.1	3.0	3.0	3.0	3.0	2.8	3.0	3.0	3.0	3.0	3.0	2.7	2.6	2.6	2.8	2.83	24	4.0
31	2.8	3.2	3.0	3.3	3.1	3.8	4.2	5.2	4.5	3.7	3.0	3.0	3.0	3.3	3.2	3.0	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.30	24	6.0
MEAN	3.0	3.1	3.0	3.1	3.1	3.3	3.3	3.4	3.4	3.0	2.9	2.9	2.8	2.9	2.9	3.0	3.2	3.4	3.3	3.0	3.1	3.1	3.1	3.1	3.10		
NO.	27	27	27	27	27	27	26	26	26	27	27	28	29	29	29	29	29	29	29	29	29	29	29	29		670	
MAX.	10.3	12.2	8.7	9.0	8.8	8.8	8.5	5.7	6.0	5.7	4.3	5.1	4.3	4.5	4.1	6.0	10.2	12.5	7.8	5.8	7.0	8.9	10.1	9.4	5.71		14.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-145.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CINCINNATI, OHIO

TOTAL OXIDANT
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1																											
2																											
3																											
4*	.00		.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00		.00	.00	.00	.00						.005	17	.01
5*																											
6																											
7																											
8																											
9																											
10																											
11*																											
12*																											
13																											
14																											
15																											
16																											
17	.01		.01	.00	.00	.01	.01	.00	.00	.00	.00	.00	.02	.02	.02	.02	.02	.01	.01	.01	.00	.01	.01	.01	.009	23	.03
18*	.01		.01	.01	.01	.01	.01	.01	.00	.00	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.011	23	.03
19*	.01												.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	19	.02
20	.01		.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.011	21	.02
21	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.012	23	.03
22	.01		.00	.00	.00	.01	.02	.01	.00	.00	.00	.01	.01	.02	.01	.02	.02	.01	.01	.01					.009	19	.02
23																											
24	.02		.01	.01	.01	.01	.01	.03									.01	.01	.01	.01	.01	.01	.01	.01	.012	15	.04
25*	.01		.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.013	23	.02
26*	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.02
27	.01		.00	.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.00	.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.006	23	.02
28	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.005	23	.02
29	.01		.00	.00	.00	.00	.00	.00	.00			.01	.00	.00	.01	.02	.01	.01	.00	.01	.01	.01	.01	.00	.004	21	.02
30	.00		.00	.00	.00	.00	.00	.00	.00					.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.007	19	.03
31	.01		.01	.01	.01	.01	.00	.02		.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.007	22	.04
MEAN																											
NO.	15		14	14	14	14	14	14	12	10	10	12	13	14	13	14	15	15	15	14	13	13	13	13		308	
MAX.	.02		.01	.01	.01	.01	.02	.03	.01	.01	.01	.02	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.013		.04

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-146.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

TOTAL OXIDANT
FEB. 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.02
2*	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02			.02	.01	.01	.01	.01	.01	.01	.01	.011	21	.02
3	.01		.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.008	23	.02
4									.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	16	.02
5																											
6	.00		.00	.00	.00	.00	.00	.00	.00	.00		.01	.00	.01				.00	.00	.00	.01	.01	.00	.00	.001	16	.01
7	.00		.01	.01	.01		.00	.00	.00			.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.01	.01	.004	14	.01
8*	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01			.01	.00	.01	.01	.01	.01	.01	.01	.004	23	.01
9*	.01		.01	.00	.01	.01	.01						.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.007	17	.01
10	.00		.00	.00	.00	.00																			.006	14	.01
11	.01		.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.01			.02	.01	.01	.01	.00	.00	.00	.00	.002	18	.01
12	.00		.00	.00	.00	.00	.00	.00	.00	.00									.01	.01	.00	.01	.01	.01	.005	17	.02
13																											
14																											
15*	.00		.01	.00	.00	.00	.00	.00		.00									.01	.01	.01	.01	.01	.01	.005	19	.01
16*									.00	.00		.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.010	19	.03
17													.00	.00						.01	.00	.00	.01	.01	.007	18	.03
18	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01						.01	.01	.01	.01	.01	.01	.01	.005	15	.01
19	.01		.00	.00	.00	.00	.00	.00	.00								.00	.01	.01	.00	.01	.01	.01	.00	.007	18	.01
20	.01		.00	.01	.01	.01	.01	.01	.01			.00	.00														
21	.00		.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
22*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.003	23	.01
23*	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.01	.01	.00	.00	.00	.00	.00	.001	20	.01
24	.00		.01	.01	.00	.00	.00	.00	.00						.01	.01	.01	.00	.00	.00	.00	.00	.01	.01	.002	17	.02
25	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.002	23	.01
26	.01		.01	.01	.01	.01	.00	.00	.01	.00	.01	.01	.01	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.004	23	.01
27	.00		.00	.00	.00	.00	.00	.00	.00	.00								.01	.00	.00	.00	.00		.00	.001	15	.01
28	.00		.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.001	20	.01
29*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.01	.00	.00	.00	.01	.01	.01		.01	.004	22	.02
MEAN	.00		.00	.00	.00	.00	.00	.00	.00	.00		.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.00	.005		
NO.	23		22	23	23	22	22	21	22	19	12	17	18	17	11	13	18	21	23	24	25	23	22	25		468	
MAX.	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.02	.01	.01	.01	.01	.02	.01	.02	.011		.03

TABULATED MON., DEC. 2, 1968

* Indicates Saturday or Sunday
Local standard time used

Table 3-147

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS.	5-MIN MAX.
1*	.01		.01	.01	.01	.01	.00	.00	.00	.00	.01	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02			.014	21	.03
2	.01		.01	.01	.01	.01	.01	.01	.00				.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	20	.02
3	.01		.01	.01	.01	.01	.01										.00	.00	.00	.00	.00	.00	.00	.00	.004	14	.01
4	.00		.00	.00	.00	.00	.00	.00	.00	.01				.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	20	.01
5	.01		.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.01
6	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01					.01	.01	.01	.01	.01	.00	.00	.00	.00	.003	19	.01
7*	.00		.01	.01	.01	.01	.00	.00	.00	.01				.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.00	.008	20	.02
8*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.004	21	.01
9	.01		.01	.00	.00	.00	.00	.00	.00	.00				.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.005	20	.02
10	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.01
11	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.01	.01	.01	.012	24	.02
12	.01		.01	.01	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.014	23	.02
13	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.012	23	.02
14*	.01		.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.02
15*	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01			.02	.02	.01	.01	.00	.00	.01	.00	.011	21	.03
16	.00		.01	.01	.01	.01	.01	.01	.01	.02				.02	.02	.02	.02	.02	.02	.01	.02	.02	.01	.01	.013	20	.06
17	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.02
18	.01		.01	.01	.01	.01	.01	.00	.00	.01	.01	.00	.00	.00		.01	.01	.01	.01	.01	.01	.00	.00	.00	.005	22	.02
19	.00		.00	.00	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.007	23	.02
20	.01		.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.010	20	.01
21*																											
22*	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01		.02	.02			.02	.02	.02	.01	.01	.01	.01	.01	.012	20	.03
23	.01		.01	.01	.01	.01	.00	.00	.01	.01							.02	.02	.02	.01	.02	.01	.01	.01	.010	17	.04
24	.01			.01	.01	.00	.01	.01	.02	.02	.02					.03	.03	.03	.02	.01	.02	.01	.01	.02	.016	18	.04
25	.01			.01	.02	.02	.01	.01	.01	.02	.02	.01	.02	.01		.01	.02	.02	.01	.01	.01	.01	.01	.01	.012	21	.02
26	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.02
27	.01		.02	.02	.01	.01	.01	.01	.01	.01	.01									.01	.01	.01	.01	.01	.011	15	.02
28*	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.014	23	.02
29*	.01		.01	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.019	23	.02
30	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.015	23	.03
31	.00		.00	.00	.00	.00	.00	.00				.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.007	20	.02
MEAN	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010		
NO	30		28	30	30	30	30	29	28	26	22	19	21	25	19	24	29	29	29	30	30	30	28	28		624	
MAX	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.019		.06

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-148.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

TOTAL OXIDANT
APRIL 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.00		.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.01	.014	23	.03
2	.02		.04	.04	.01	.01	.02	.01	.01	.02	.02	.02	.03	.03	.02	.02	.02	.02	.01	.02	.01	.02	.02	.02	.016	23	.03
3	.02		.02	.02	.02	.02	.02	.02	.02								.02	.01	.01	.02	.02	.02	.02	.02	.018	16	.02
4*	.02		.01	.02	.02	.02	.02	.02	.02	.02							.02	.02	.02	.02	.02	.01	.01	.01	.017	17	.02
5*	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02			.02	.02	.02	.02	.01	.02	.01	.01	.013	21	.02
6	.01		.01	.01	.01	.01	.01	.01	.03	.01				.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.012	20	.05
7																											
8											.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	14	.02
9	.01		.01	.01	.01	.01	.01	.01			.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.01	.015	19	.02
10	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02				.02	.02	.01	.01	.01	.01	.01	.013	20	.03
11*	.00		.01	.01	.00	.00	.00	.00	.01	.01	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01	.02	.02	.016	23	.03
12*	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.01	.01	.02	.018	23	.03
13	.01		.02	.02	.02	.02	.01	.01	.01	.01	.01					.01	.01	.00	.01	.01	.01	.01	.01	.00	.011	19	.02
14																											
15																											
16	.01		.01	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.05	.04	.04	.04	.04	.03	.02	.01	.02	.02	.026	23	.05
17	.03		.03	.03	.03	.02	.02	.02	.03	.03	.04	.05	.05	.06	.06	.05	.05	.04	.04	.03	.03	.03	.03	.04	.036	23	.06
18*	.03		.04	.03	.03	.02	.03	.03	.03	.03	.03	.04	.03	.03	.02	.02	.03	.03	.02	.02	.02	.02	.01	.01	.027	23	.04
19*	.01		.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.02	.03	.03	.03	.02	.02	.02	.02	.01	.02	.01	.01	.016	23	.03
20	.01		.01	.01	.02	.01	.01	.01	.02				.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.04	.03	.019	20	.04
21	.02		.01	.01	.01	.01	.02	.01	.02	.02	.03	.03	.03	.03	.03	.02	.03	.02	.02	.02	.03	.03	.02	.02	.021	23	.04
22	.02		.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.02	.02	.02	.026	23	.04
23	.02		.02	.02	.02	.01	.01	.02	.02			.03	.04	.05	.04	.03	.03	.04	.04	.04	.04	.05	.05	.04	.030	21	.06
24	.04		.04	.03	.03	.02	.02	.02	.04	.04	.05	.06	.06	.06	.06	.05	.05	.04	.04	.03	.03	.03	.02	.02	.038	23	.07
25*	.02		.02	.02	.01	.01	.01	.02	.02	.03	.04	.05	.05	.05	.05	.05	.05	.04	.05	.04	.03	.03	.03	.02	.030	23	.05
26*	.02		.03	.03	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.023	23	.03
27	.02		.02	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.01	.01	.017	21	.03
28	.02		.03	.02	.03	.02	.02	.02	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.02	.02	.028	23	.04
29	.02		.02	.02	.02	.02	.02	.02	.01				.03	.03	.03	.03	.02	.02	.02	.02	.02	.01	.01	.01	.019	20	.04
30	.01		.01	.02	.02	.02	.01	.01			.02	.03	.03	.03	.04	.03	.03	.03	.02	.02	.02	.02	.02	.01	.022	21	.04
MEAN	.02		.04	.04	.02	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.021		
NO.	2-		26	26	26	26	26	26	24	20	20	20	23	23	21	23	26	27	27	27	27	21	27	27		571	
MAX	.4		.04	.03	.03	.02	.03	.03	.04	.04	.05	.06	.06	.06	.06	.05	.05	.04	.05	.04	.04	.05	.05	.04	.038		.07

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-149.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CINCINNATI, OHIO

TOTAL OXIDANT
MAY 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	.02		.03	.02	.02	.03	.03	.02	.02	.03	.04	.03	.03	.03	.03	.04	.03	.03	.03	.03	.02	.02	.02	.02	.026	23	.04
2*	.02		.01	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04	.05	.05	.06	.06	.05	.03	.03	.02	.02	.02	.031	23	.06
3*	.02		.02	.03	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.03	.03	.02	.02		.030	22	.05
4																											
5	.02		.01	.01	.01	.01	.02	.03	.03	.04	.04	.05	.05	.03	.04	.04	.04	.04	.04	.03	.02	.02	.03	.02	.029	23	.05
6	.03		.02	.02	.02	.02	.02	.02	.02	.04	.04	.04	.04	.04	.04	.04									.029	19	.05
7																											
8									.02	.02	.03	.04	.04	.04	.03	.04	.03	.03	.03	.03	.03	.04	.03	.03	.031	16	.04
9*	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.04	.04	.04	.03	.03	.03	.03	.03	.032	23	.04
10*	.02		.02	.01	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.03	.02	.02	.02	.01	.01	.026	23	.04
11	.01		.02	.02	.02	.01	.02	.02	.03	.02	.03	.03	.03	.04			.02	.03	.02	.02	.02	.02	.03	.02	.022	21	.04
12																											
13	.02		.02	.03	.02	.02	.02	.02	.02	.01	.01	.02				.02	.02	.02	.02	.01	.01	.01	.01	.01	.017	20	.03
14	.02		.02	.02	.02	.02	.01	.01	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04	.03	.03	.02	.02	.02	.02	.023	23	.04
15	.01		.01	.02	.01	.01	.01	.02	.03	.03	.04	.05	.06	.04	.05	.05	.05	.03	.04	.03	.02	.02	.02	.02	.028	23	.06
16*	.01		.01	.01	.02	.02	.01	.02	.03	.03	.04	.05	.05	.05	.06	.06	.06	.05	.05	.05	.04	.02	.03	.03	.034	23	.06
17*	.02		.02	.02	.02	.02	.02	.03	.03	.04	.05	.05	.05	.05	.06	.06	.06	.05	.05	.04	.03	.02	.01	.02	.035	23	.06
18	.02		.01	.01	.01	.01	.02	.02	.02	.04	.05	.05	.05	.05	.06	.06	.06	.06	.05	.04	.02	.02	.02	.02	.033	23	.06
19	.01		.03	.03	.03	.02	.02	.03	.04	.05	.05	.05	.04	.04	.04	.04	.05	.05	.05	.04	.04	.03	.03	.03	.036	23	.05
20	.03		.03	.03	.03	.02	.01	.02	.02	.03			.04	.04	.05	.05	.05	.04	.04	.03	.03	.03	.03	.03	.032	21	.06
21	.03		.02	.02	.02	.02	.01	.02	.02	.04			.05	.06	.06	.06	.05	.05	.05	.04	.02	.02	.01	.02	.032	21	.07
22	.01		.01	.01	.01	.01	.01	.01	.03	.05	.05	.06	.06	.05	.06	.05	.05	.06	.06	.05	.03	.02	.02	.01	.033	23	.07
23*	.02		.02	.02	.02	.01	.02	.02	.03	.04	.05	.05	.03	.03	.03	.04	.04	.03	.04	.04	.03	.03	.02	.02	.029	23	.05
24*	.02		.02	.03	.03	.02	.02	.02	.03	.03	.04	.04	.04	.04	.04	.04	.03	.02	.03	.02	.02	.02	.02	.02	.027	23	.04
25	.03		.02	.01	.01	.01	.01	.01	.03	.03	.04	.04	.05	.04	.05	.05	.05	.04	.04	.03	.02	.02	.01	.01	.028	23	.06
26	.01		.01	.02	.01	.02	.02	.02	.03	.04	.04	.05		.05	.05	.05	.05	.05	.03	.02	.02	.01	.01	.01	.027	24	.06
27	.01		.01	.01	.01	.01	.01	.01	.01								.04	.04	.04	.03	.03	.02	.02	.02	.020	16	.05
28	.02		.02	.02	.02	.02	.02	.02	.02				.02	.02	.02	.02	.01	.01	.02	.02	.02	.01	.01	.01	.016	20	.03
29	.01		.01	.01	.01	.02	.00	.01	.02	.03	.04	.04	.04	.04	.04	.05	.04	.04	.04	.03	.02	.02	.03	.02	.026	23	.05
30*	.02		.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.05	.05	.05	.05	.05	.05	.04	.03	.03	.03	.03	.033	23	.05
31*	.03		.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.025	23	.04
MEAN	.02		.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.02	.02	.02	.02	.028		
NO.	27		27	27	27	27	27	27	28	26	24	24	25	26	25	26	27	27	27	27	27	27	26			608	
MAX	.03		.03	.03	.03	.03	.03	.03	.04	.05	.05	.06	.06	.06	.06	.06	.06	.06	.06	.05	.04	.04	.03	.03	.036		.07

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-150.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

TOTAL OXIDANT
JUNE 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.03		.04	.02	.02	.01	.01	.02	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.03	.02	.02		.02	.028	24	.05
2	.03		.04	.01	.02	.01	.01	.02		.03	.03	.02	.02	.03	.04	.04	.04	.03	.03	.03	.02	.02	.02	.02	.023	22	.05
3	.02		.01	.02	.02	.02	.01	.04	.03	.03	.04	.04	.04	.04	.04	.04	.03	.04	.04	.03	.03	.02	.02	.02	.027	23	.04
4	.02		.01	.01	.01	.01	.01	.02	.04	.03	.03	.03	.04	.04	.04	.04	.05	.05	.04	.03	.03	.02	.02	.02	.028	24	.05
5	.02		.01	.02	.02	.01	.02	.02	.02	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.02	.02	.02	.02	.026	23	.05
6*	.02		.04	.02	.04	.04	.02	.02	.02	.02	.03	.03	.05	.05	.04	.05	.04	.04	.03	.02	.02	.02	.02	.01	.028	24	.05
7*	.01		.04	.02	.02	.01	.02	.01	.01	.02	.03	.04	.04	.04	.05	.05	.05	.05	.04	.02	.02	.02	.03	.01	.027	23	.05
8	.01		.01	.01	.01	.01	.01	.01	.02	.04	.04	.05	.05	.06	.06	.06	.05	.06	.06	.04	.03	.02	.01	.02	.032	23	.07
9	.02		.01	.01	.02	.02	.01	.01	.03	.03	.04	.04	.04	.04	.04	.03	.03	.03	.03	.02		.03	.03	.03	.027	22	.04
10	.03		.04	.02	.02	.02	.01	.01	.02							.04	.04	.04	.04	.04	.04	.03	.02	.02	.026	17	.04
11	.02		.04	.02	.02	.02	.01	.01	.02	.03	.03	.04	.05	.05			.05	.05	.05	.04	.03	.03	.02	.03	.030	21	.06
12	.03		.03	.03	.04	.03	.02	.02					.05	.05		.04	.04	.04	.02	.02	.02	.02	.02	.02	.028	18	.06
13*	.02		.02	.04	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.02	.02	.02	.02	.025	23	.04
14*	.03		.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03			.02	.02	.02	.02	.01	.01	.01	.021	21	.04
15	.01		.04	.02	.01	.01	.01	.01	.02	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.025	23	.04
16																											
17																											
18																											
19																											
20*																											
21*	.00		.04	.03	.01	.01	.02	.03	.04	.04	.04	.04	.05	.06	.07	.07	.07	.07	.07	.06	.04	.04	.03	.02	.040	23	.09
22	.03		.04	.04	.01	.01	.02	.03	.03							.09	.09	.08	.07	.06	.05	.04	.04	.03	.043	17	.10
23	.03		.04	.02	.02	.02	.02	.03									.07	.07	.05	.06	.05	.04	.04	.02	.036	15	.08
24	.03		.04	.04	.04	.03	.03	.03	.05	.05	.06	.06	.06	.06	.06	.06	.06	.07	.05	.05	.04	.04	.03	.02	.045	23	.08
25	.02		.01	.01	.01	.01	.02	.04	.05	.08	.07	.08	.08	.08	.08	.09	.10	.09	.08	.07	.05	.03	.02	.03	.050	24	.11
26																											
27*																											
28*																											
29																											
30																											
MEAN	.02		.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04	.05		.05	.05	.05	.04	.03	.03	.03	.02	.02	.031		
NO.	23		20	20	20	20	20	20	17	16	16	16	17	17	15	17	19	20	20	20	19	20	19	20		428	
MAX.	.03		.04	.04	.04	.03	.03	.03	.05	.08	.07	.08	.08	.08	.08	.09	.10	.09	.08	.07	.05	.04	.04	.03	.050		.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-151.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX.
1																											
2																											
3																											
4*																											
5*																											
6			.04	.04	.04	.03	.03						.07	.07	.08	.06	.05	.03	.03	.04	.03	.02	.03	.03	.043	17	.09
7	.03		.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.02	.02	.029	23	.05
8	.02		.02	.01	.02	.02	.02	.03	.03	.05			.07	.07	.08	.08	.07	.07	.06	.07	.05	.05	.04	.03	.043	21	.08
9	.04		.04	.03	.02	.02	.02	.02	.02	.04	.07	.10	.10	.09	.08	.06	.05	.04	.05	.03	.02	.02	.02	.02	.043	23	.11
10	.02		.01	.01	.01	.01	.02	.02	.06	.10	.10	.09		.12	.12	.11	.11	.11	.11	.08	.04	.03	.04	.04	.062	22	.12
11*	.04		.03	.03	.03	.02	.03	.04	.07	.10	.11	.13	.12	.12	.11	.12	.11	.10	.10	.09	.06	.03	.03	.03	.071	23	.13
12*	.02		.02	.02	.03	.03	.04	.06	.06	.05	.06	.06	.05	.06			.07	.07	.06	.06	.04	.03	.03	.03	.044	21	.08
13	.04		.04	.03	.02	.02	.02	.03	.04	.05	.05	.06	.06	.05	.05	.06	.05	.05	.06	.05	.04	.03	.03	.03	.041	23	.07
14	.04		.05	.05	.05	.04	.04	.04	.05					.06	.06	.07	.06	.07	.07	.06	.05	.04	.04	.04	.051	19	.08
15	.03		.06	.06	.04	.02	.02	.00	.01	.05	.09	.09	.11	.11	.11	.10	.10	.11	.10	.08	.06	.04	.04	.03	.063	23	.12
16	.03		.03	.03	.02	.02	.03	.03	.05	.08	.08	.09	.12	.13	.13	.12	.11	.10	.09	.08	.04	.03	.03	.03	.064	23	.16
17	.02		.02	.01	.02	.01	.02	.04	.05	.08	.13	.08	.09	.10	.09	.08	.07	.08	.07	.03	.03	.02	.02	.02	.051	23	.16
18*	.01		.02	.02	.02	.02	.02	.03	.07	.09	.10	.09	.11	.11	.11	.09	.07	.06	.07	.03	.03	.03	.02	.02	.053	23	.12
19*	.02		.01	.01	.01	.01	.01	.03	.07	.11	.14	.15	.16	.17	.16	.18	.19	.18	.08	.06	.08	.07	.04	.04	.086	23	.21
20	.06		.03	.02	.02	.01	.01	.04	.05	.12	.16	.16	.14	.14	.15	.15	.14	.14	.13	.13	.06	.03	.04	.06	.086	23	.18
21	.08		.08	.04	.02	.02	.03	.04	.07	.11	.20			.26	.17	.12	.08	.09	.10	.09	.07	.04	.05	.04	.085	21	.32
22	.03		.02	.01	.01	.01	.01	.01	.05			.13	.14	.14	.13	.13	.13	.11	.10	.06	.03	.02	.01	.01	.061	21	.16
23	.01		.01	.00	.00	.00	.02	.05	.10	.13	.17	.13	.11	.09	.11	.11	.08	.11	.09	.06	.06	.05	.04	.03	.068	23	.18
24	.04		.05	.05	.05	.04	.02	.04	.05	.08						.13	.12	.11	.11	.09	.07	.05	.03	.02	.062	18	.15
25*																											
26*																											
27																											
28	.03		.02	.02	.01	.02	.02	.03	.05	.07	.07	.08	.10	.11	.10	.07	.07	.05	.03	.03	.03	.03	.02	.03	.046	23	.13
29	.03		.04	.04	.04	.03	.03	.02	.02	.05			.08	.07	.06	.06	.06	.05	.05	.05	.03	.03	.02	.02	.041	21	.08
30	.01		.02	.02	.02	.02	.02	.00			.07	.07	.07	.08	.08	.08	.07	.07	.07	.07	.06	.05	.05	.04	.049	21	.09
31	.05		.04	.04	.04	.04	.03	.03	.04	.05	.07	.08	.09	.10	.09	.10	.10	.09	.09	.07	.06	.04	.05	.05	.062	23	.10
MEAN	.03		.03	.03	.02	.02	.02	.03	.05	.08	.10	.10	.10	.10	.10	.10	.09	.08	.08	.06	.05	.03	.03	.03	.057		
NO.	27		23	23	23	23	23	22	21	19	17	17	19	22	21	22	23	23	23	23	23	23	23	23		501	
MAX.	.06		.06	.06	.05	.04	.04	.06	.10	.13	.20	.16	.16	.26	.17	.18	.19	.18	.13	.13	.08	.07	.05	.06	.086		.32

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-152.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
AUG. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.04		.05	.05	.04	.04	.04	.04	.04	.05	.05	.07	.08	.11	.11	.10	.09	.08	.07	.06	.04	.04	.05	.04	.059	23	.12
2*	.03		.04	.03	.02	.03	.03	.02	.04	.04	.06	.07	.07	.06	.06	.06	.06	.07	.06	.06	.05	.06	.05	.04	.048	23	.08
3	.03		.02	.02	.02	.01	.02	.01	.03	.04	.04	.06	.06	.06	.06	.07	.06	.08	.10	.09	.08	.07	.07	.06	.050	23	.10
4	.05		.05	.04	.03	.02	.02	.02	.04	.06	.10	.10	.09	.09	.10	.10	.08	.05	.04	.03	.04	.02	.01	.03	.052	23	.11
5	.04		.03	.02	.02	.01	.03	.00	.02	.04	.09	.07	.07	.07	.08	.10	.09	.08	.07	.07	.06	.04	.03	.03	.049	23	.11
6	.03		.02	.02	.02	.02	.01	.01					.09	.09	.15	.12	.11	.09	.08	.06	.05	.03	.04	.04	.056	19	.16
7	.04		.03	.01	.02	.01	.02	.02	.03	.05			.10	.10	.08	.08	.07	.07	.07	.06	.05	.04	.04	.04	.047	21	.11
8*	.05		.05	.05	.02	.03	.03	.02	.04			.06	.06	.06	.06	.06	.06	.06	.06	.04	.04	.03	.04	.03	.044	21	.07
9*	.03		.02	.02	.01	.01	.01	.01	.03	.03	.05	.06	.07	.08	.11	.12	.12	.12	.10	.07	.05	.04	.04	.05	.053	23	.12
10	.04		.05	.04	.04	.03	.02	.02	.03	.03		.08	.08	.09	.09	.08	.08	.08	.09	.07	.03	.03	.03	.03	.052	24	.10
11	.02		.02	.03	.03	.02	.02	.01	.03	.04			.05	.06	.05	.06	.06	.05	.05	.03	.04	.03	.03	.03	.035	21	.07
12	.03		.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.021	23	.03
13	.02		.02	.02	.02	.02	.01	.01	.02	.03	.03	.03	.04	.04	.04	.05	.04	.04	.04	.03	.02	.02	.02	.02	.028	23	.05
14	.02		.02	.02	.02	.01	.01	.00	.03	.04	.05	.07	.09	.11	.11	.09	.08	.08	.07	.04	.04	.03	.05	.03	.048	23	.12
15*	.03		.03	.04	.03	.03	.02	.02	.04	.04	.06	.06	.07	.07	.07	.07	.07	.07	.06	.04	.03	.03	.03	.03	.045	23	.08
16*	.04		.03	.03	.03	.02	.02	.02	.04	.04	.07	.08	.09	.09			.11	.10	.08	.06	.03	.03	.03	.03	.051	21	.12
17	.03		.03	.02	.02	.02	.02	.02	.04			.10	.09	.09	.10	.09	.09	.09	.07	.05	.04	.04	.03	.03	.052	21	.10
18	.03		.02	.02	.03	.03	.03	.02	.04							.07	.07	.07	.06	.05	.05	.05	.04	.02	.039	17	.08
19	.02		.03	.03	.02	.02	.03	.04	.05	.06							.06	.06	.05	.03	.02	.02	.02	.02	.034	17	.07
20	.02		.02	.02	.03	.02	.03	.03	.04	.05	.07	.07	.07	.07	.07	.07	.06	.06	.06	.04	.03	.04	.02	.03	.043	23	.08
21	.05		.04	.05	.04	.03	.02	.03	.04	.05	.06	.06	.06	.06	.07	.06	.05	.04	.03	.04	.03	.03	.03	.03	.042	23	.07
22*	.02		.02	.03	.04	.04	.04	.03	.03	.03	.03	.03	.04	.05	.04	.05	.04	.04	.04	.04	.02	.03	.03	.03	.034	23	.05
23*	.02		.02	.02	.02	.02	.02	.03	.03	.03	.04	.04	.05	.04	.05	.05	.05	.04	.04	.03	.02	.02	.03	.02	.032	23	.05
24	.02		.01	.02	.02	.02	.02	.03	.05	.04	.05	.06	.05	.05	.06	.06	.07	.06	.09	.07	.04	.03	.03	.04	.041	23	.10
25	.04		.03	.03	.03	.02	.02	.03	.03	.04	.04	.04	.05	.05	.07	.07	.06	.06	.05	.05	.04	.04	.04	.03	.041	23	.08
26	.04		.02	.02	.02	.02	.02	.02	.02							.09	.09	.07	.06	.05	.04	.04	.04	.04	.041	17	.11
27	.04		.05	.04	.04	.04	.03	.03	.03	.04	.06	.06	.06	.07	.07	.07	.08	.06	.06	.05	.03	.03	.03	.02	.046	23	.08
28	.02		.02	.02	.02	.02	.02	.02	.03	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.03	.02	.035	23	.06
29*	.02		.02	.02	.02	.02	.02	.03	.03	.05	.07	.08	.10	.10	.12	.14	.15	.14	.13	.07	.04	.04	.04	.05	.064	23	.16
30*	.05		.03	.03	.03	.03	.03	.03	.04	.05	.06	.07	.08	.09	.10	.09	.09	.09	.07	.06	.04	.04	.03	.03	.054	23	.12
31	.02		.02	.02	.02	.03	.03	.03	.03	.03	.05	.05	.06	.05	.05	.06	.06	.06	.05	.05	.04	.04	.04	.03	.039	23	.07
MEAN	.03		.03	.03	.03	.02	.02	.02	.03	.04	.05	.06	.07	.07	.07	.07	.07	.07	.06	.05	.04	.03	.03	.03	.044		
NO.	31		31	31	31	31	31	31	30	26	22	25	28	28	27	29	31	31	31	31	31	31	31	31		680	
MAX.	.06		.06	.05	.04	.04	.04	.04	.05	.06	.10	.10	.10	.11	.15	.14	.15	.14	.13	.09	.08	.07	.07	.06	.064		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 2, 1968

Table 3-153.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.02		.04	.03	.02	.02	.03	.03	.04					.09	.09	.09	.08	.09	.08	.05	.04	.03	.04	.03	.049	19	.11
2	.04		.03	.03	.03	.02	.02	.02	.03	.04	.04	.06	.08	.10	.11	.13	.14	.14	.10	.06	.05	.04	.04	.03	.059	23	.16
3	.02		.02	.02	.02	.02	.03	.05	.04	.06	.08	.09	.11	.10	.10	.10	.10	.07	.06	.04	.03	.04	.02	.03	.055	23	.12
4	.02		.02	.01	.02	.01	.02	.02	.02				.05	.04	.04	.04	.04	.04	.04	.02	.02	.02	.02	.02	.025	20	.05
5*	.02		.01	.01	.01	.01	.01	.01	.02	.02	.03	.04	.05	.04	.05	.05	.05	.05	.05	.04	.03	.02	.02	.03	.028	23	.05
6*																											
7																											
8	.02		.01	.01	.01	.00	.01	.02	.03	.04	.05	.07	.09	.10	.10	.11	.10	.09	.07	.04	.03	.03	.04	.03	.068	14	.11
9											.09	.11	.10	.09	.10	.10	.10	.13	.08	.04	.02	.03	.02	.03	.051	23	.14
10											.08	.11	.12	.11	.11	.11	.10	.09	.05	.04	.03	.04	.04	.03	.075	14	.13
11	.03		.01	.01	.02	.02	.02	.04	.03				.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.01	.02	.020	20	.04
12*																											
13*																											
14																											
15	.02		.02	.02	.02	.02	.02	.03	.03	.04	.06	.07	.06	.05	.05	.05	.06	.06	.05	.04	.04	.04	.03	.03	.039	23	.07
16	.03		.03	.02	.02	.02	.01	.01						.07	.07	.06	.05	.05	.05	.04	.03	.03	.02	.02	.035	18	.07
17																											
18																											
19*	.02		.02	.02							.02	.03	.03	.04	.05	.05	.05	.03	.03	.03	.03	.04	.04	.05	.034	17	.06
20*	.05		.02	.02	.01	.01	.01	.01	.02	.02	.04	.06	.07	.07	.07	.07	.07	.07	.05	.03	.03	.03	.02	.02	.037	23	.08
21	.02		.02	.02	.02	.01	.01	.01	.02	.03	.04	.05	.05	.05		.06	.06	.03	.03	.02	.03	.03	.02	.02	.029	22	.07
22	.02		.02	.02	.01	.01	.01	.02	.02	.02	.01	.03	.04	.03	.02	.03	.03	.03	.02	.02	.02	.01	.02	.03	.022	23	.04
23	.02		.03	.03	.02	.02	.02	.02	.02						.05	.05	.04	.03	.02	.02	.03	.03	.03	.03	.028	16	.05
24	.02		.02	.02	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.04	.02	.03	.01	.025	23	.06
25			.01	.01	.01	.01	.02	.03	.03	.03	.04	.04	.03	.04	.04	.04	.04	.04	.03	.03	.03	.02	.03	.03	.028	22	.05
26*	.02		.02	.02	.02	.02	.02	.03	.03	.04	.05	.06	.06	.06	.05	.04	.05	.04	.04	.03	.03	.04	.03	.04	.037	23	.07
27*	.03		.03	.03	.05	.04	.03	.03	.04	.03	.03	.03	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.027	21	.05
28	.01		.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.020	23	.03
29	.02		.01	.01	.01	.01	.01	.02	.02		.02	.03				.02	.03	.02	.03	.03	.02	.05	.06	.07	.025	19	.08
30			.05	.04	.03	.03	.04	.05	.05	.05	.08	.06	.07	.07	.08	.10	.08	.07	.05	.04	.04	.05	.04	.04	.034	22	.11
MEAN	.02		.04	.02	.02	.02	.02	.04	.03		.04	.05	.06	.06	.06	.06	.06	.05	.04	.03	.03	.03	.03	.03	.037		
NO.	19		21	21	20	20	20	20	19	14	18	18	19	21	20	22	23	23	23	23	23	23	23	23		478	
MAX.	.05		.05	.04	.05	.04	.04	.05	.04	.06	.09	.11	.12	.11	.11	.13	.14	.14	.10	.06	.05	.05	.06	.07	.075		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-154.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

TOTAL OXIDANT
OCT. 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.03		.03	.03	.03	.02	.03	.03	.03	.04	.04	.05	.05	.07	.08	.07	.05	.05	.04	.03	.03	.03	.03	.03	.039	23	.08
2	.03		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.05	.04	.04	.03	.03	.02	.02	.02	.02	.026	23	.05
3*	.02		.03	.03	.02	.02	.03	.04	.06	.06	.05	.06	.07	.07	.08	.06	.06	.04	.03	.04	.05	.05	.05	.04	.045	23	.09
4*	.04		.03	.02	.02	.02	.03	.02	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.02	.02	.02	.03	.02	.02	.029	23	.06
5			.02	.02	.02	.02	.02	.03	.03				.03	.03	.04	.03	.03	.03	.02	.02	.02	.02	.02		.024	18	.04
6	.01	.01	.02	.02							.03	.04	.04	.04	.04	.04	.04	.04	.03	.02	.02	.03	.03	.03	.028	18	.05
7	.04		.02	.02	.02	.01	.01	.01	.02	.03	.03	.04	.04	.05	.05	.06	.06	.04	.02	.02	.03	.03	.03	.03	.030	23	.07
8			.02	.02	.02	.02	.03	.02	.02	.04	.05	.05	.05	.05	.05	.04	.04	.04	.03	.03	.03	.03	.02	.02	.032	24	.05
9	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.022	23	.03
10*	.01		.02	.02	.01	.02	.02	.01	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.02	.02	.01	.02	.02	.02	.024	23	.04
11*			.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.04	.03			.02	.02	.02	.02	.07	.06	.05	.02	.028	20	.09
12			.04	.03	.03	.04	.05	.01	.02	.04	.05	.06	.07	.07	.07	.07	.07	.05	.04	.03	.04	.04	.04	.04	.043	24	.08
13	.03		.04	.04	.04	.03	.03	.05	.05	.03						.06	.05	.04	.04	.04	.04	.03	.04	.04	.038	18	.08
14	.04		.03	.03	.03	.03	.04	.05	.03	.04	.06	.08	.09	.09	.09	.12	.09	.06	.06	.05	.06	.06	.06	.05	.057	23	.13
15	.02		.04	.03	.03	.05	.07	.08	.08								.08	.05	.04	.04	.04	.03	.03	.03	.047	16	.09
16	.03		.05	.04	.04	.03	.04	.03	.03			.03	.05	.05	.05	.05	.04	.03	.04	.04	.04	.03	.03	.03	.037	21	.06
17*	.03		.03	.04	.03	.02	.03	.05	.05	.05	.07	.11	.11	.11	.09	.08	.07	.05	.06	.04	.05	.05	.04	.05	.055	23	.12
18*	.03		.03	.04	.04	.03	.03	.04	.04	.04	.05	.07	.08	.09			.04	.03	.03	.03	.02	.02	.02	.02	.039	21	.09
19	.02		.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.026	23	.04
20			.04	.02	.02	.02	.02	.03	.04	.03	.03	.04	.02	.02	.03	.03	.03	.02	.01	.02	.02	.02	.02	.02	.024	22	.04
21			.02	.02	.01	.01	.02	.03	.03	.03	.04	.04	.04	.05	.05	.04		.03	.03	.02	.02	.02	.02		.028	20	.05
22			.02	.02	.03	.03	.03	.03								.05	.04	.03	.03	.02	.02	.03	.06	.07	.033	15	.08
23	.06		.04	.03	.02	.02	.03	.04	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.03	.07	.05	.04	.04	.032	23	.08
24*	.06		.07	.06	.05	.04	.05	.05	.05	.05	.04	.04	.05	.05	.05	.06	.05	.04	.02	.03	.05	.04	.05	.06	.048	23	.09
25*	.05		.03	.03	.03	.02	.02	.03	.03	.02	.04	.06	.07	.07			.07	.05	.09	.07	.03	.05	.04	.08	.045	21	.12
26	.06		.04	.04	.04	.05	.07	.07	.08	.06	.06	.07	.07	.07	.07	.06	.05	.03	.04	.04	.05	.07	.07	.05	.057	23	.12
27	.04		.04	.03	.04	.03	.03	.05	.05	.04	.04	.05	.07	.07	.06	.06	.05	.04	.04	.03	.03	.03	.03	.03	.042	23	.07
28	.03		.02	.03	.02	.02	.03	.05	.03	.04	.04	.05	.05	.05	.05	.05	.04	.04	.03	.03	.03	.03	.02	.03	.035	23	.06
29	.03		.03	.03	.03	.02	.02	.01					.03	.03	.04	.04	.04	.03	.02	.02	.02	.02	.02	.02	.026	19	.05
30	.02		.02	.02	.02	.02	.03	.03	.05	.04	.03	.04	.04	.05	.05	.05	.04	.03	.03	.03	.02	.02	.05	.07	.035	23	.08
31*	.06		.04	.02	.02	.04	.03	.04	.01	.03	.03	.04	.04	.04	.04	.04	.04	.03	.02	.03	.03	.02	.02	.04	.033	23	.08
MEAN	.03		.03	.03	.02	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05	.05	.05	.03	.03	.03	.03	.03	.03	.04	.036		
NO.	24	1	31	31	30	30	30	30	28	25	25	26	28	28	25	27	30	31	31	31	31	31	31	29		664	
MAX.	.06	.01	.07	.06	.05	.05	.07	.08	.08	.06	.07	.11	.11	.11	.09	.12	.09	.06	.09	.07	.07	.07	.07	.08	.057		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-155.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CINCINNATI, OHIO

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.05		.07	.05	.04	.03	.04	.03	.04	.02	.02	.03	.05	.06			.05	.03	.03	.03	.07	.05	.06	.05	.043	21	.09
2	.05		.03	.03	.02	.02	.03	.07	.08	.04	.04	.05	.06	.07	.07	.07	.05	.04	.06	.05	.08	.06	.05	.06	.050	23	.13
3	.04		.04	.04	.03	.03	.05	.07	.06	.07	.10	.07	.11	.10	.08	.06	.09	.06	.07	.05	.06	.05	.06	.06	.062	23	.13
4	.07		.06	.05	.05	.05	.05	.07	.09	.09	.08	.07	.08	.09	.09	.08	.06	.05	.06	.05	.06	.04	.05	.03	.062	23	.10
5	.03		.02	.03	.03	.03	.05	.05	.05	.03	.04			.04			.03	.02	.02	.02	.02	.01	.02	.02	.029	19	.07
6			.02	.01	.02	.02	.05	.03	.05	.03	.03	.03	.04	.04	.04	.03	.02	.03	.03	.04	.05	.05	.01	.04	.033	24	.08
7*		.04	.06	.04	.04	.06	.10	.08	.04	.08	.05	.03	.05	.05	.06	.06	.04	.03	.04	.03	.04	.05	.04	.05	.049	23	.10
8*																											
9	.04	.05								.07	.06	.06	.07	.08			.06	.05	.05	.05	.05	.05	.05	.06	.056	15	.09
10																											
11																											
12	.02		.02	.02	.03	.04	.03	.03	.03	.04							.05	.04	.04	.04	.03	.03	.02	.02	.031	17	.06
13																											
14*																											
15*																											
16																											
17																											
18										.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			
19	.02		.01	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.019	15	.03
20	.02		.06									.01	.01	.01	.01	.03	.02	.02	.02	.03	.03	.03	.03	.03	.017	23	.04
																									.023	15	.08
21*	.03		.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.00	.01	.01	.01	.01	.015	23	.03
22*	.00		.01	.01	.01	.00	.01	.00	.01	.02	.03	.02	.01	.03			.03	.01	.00	.01	.01	.00	.01	.01	.010	21	.03
23	.01			.01	.00	.01	.00	.00	.01	.00	.00	.00	.02	.02	.02	.01	.00	.01	.02	.04	.05	.05	.03	.04	.016	22	.07
24	.04		.04	.04	.06	.04	.04	.05			.03	.01	.01	.02	.02	.02	.02	.03	.05	.06	.07	.07	.06	.02	.038	21	.09
25	.01		.04	.02	.02	.02	.02						.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	18	.04
26	.02		.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03		.03	.03	.03	.03	.02	.03	.02	.02	.02	.024	22	.04
27	.02		.03	.03	.01	.02	.03	.03	.03	.03	.03	.03	.04			.05	.05	.04	.03	.03	.04	.03	.04	.04	.032	21	.06
28*	.04		.04	.05	.05	.03	.04	.03	.03	.03	.03	.03	.03	.02		.02	.03	.02	.02	.02	.02	.02	.02	.02	.029	22	.05
29*	.02		.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02			.02	.02	.02	.02	.02	.02	.02	.01	.020	21	.03
30	.01			.02	.02		.01	.00	.00	.00	.00	.01	.02	.02	.02	.02	.02	.02	.02	.00	.00	.00	.01	.01	.010	21	.03
MEAN	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04		.03	.03	.03	.03	.03	.04	.03	.03	.03	.032		
NO.	19	2	18	19	19	18	19	18	17	19	19	19	20	20	13	16	22	22	22	22	22	22	22	22		451	
MAX	.07	.05	.07	.05	.06	.06	.10	.08	.09	.08	.10	.07	.11	.10	.09	.08	.09	.06	.07	.06	.08	.07	.06	.06	.062		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON., DEC. 2, 1968

Table 3-156.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CINCINNATI, OHIO

TOTAL OXIDANT
DEC. 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01		.01	.01	.00	.00	.00	.00	.00					.03	.03	.02	.02	.02	.02	.02	.02	.01	.02	.02	.013	19	.03
2	.02		.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.03	.02	.01	.019	23	.04
3	.02		.03	.02	.02	.02	.02	.03	.03				.02	.03	.03	.04	.08	.09	.06	.03	.03	.03	.03	.03	.034	20	.13
4	.02		.04	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.026	23	.06
5*	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.01	.02	.02	.03	.03	.03	.03	.02	.019	23	.03
6*	.02		.04	.04	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03			.02	.02	.02	.02	.02	.02	.01	.01	.020	21	.04
7	.01			.04	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.014	24	.03
8	.02		.02	.02	.02	.02	.02	.01	.01	.01	.01			.03	.03	.02	.02	.01	.01	.01	.02	.01	.02	.02	.016	21	.03
9	.02		.02	.02	.02	.02	.01	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.017	23	.03
10	.02		.02	.02	.02	.02	.02	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.024	23	.06
11	.02		.03	.02	.02	.02	.02	.02	.02				.03	.02	.03	.02	.02	.02	.02	.02	.02	.01	.01	.02	.020	20	.03
12*	.01		.02	.02	.02	.02	.01	.01	.02	.02	.02	.03	.03	.03		.03	.03	.03	.02	.03	.02	.02	.02	.02	.022	24	.05
13*	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03		.03	.03	.02	.02	.02	.02	.02	.02	.02	.021	22	.03
14	.02		.02	.02	.02	.02	.02	.02	.01	.01	.03	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.021	23	.03
15	.02		.01	.01	.01	.01											.00	.00	.01	.01	.01	.01	.01	.01	.008	19	.02
16										.02	.02	.02	.01	.01	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.012	19	.02
17																											
18	.01		.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.006	23	.02
19*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02	.02	.02	.005	23	.03
20*	.03		.04	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.02	.03	.02	.04	.05	.03	.022	23	.07
21	.03		.03		.02	.02				.03	.01	.02	.01	.02	.03	.03	.02	.02	.02	.01	.02	.02	.02	.02	.020	19	.05
22																											
23	.02		.02	.02								.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.01	.02	.022	19	.04
24	.02		.04	.04	.02	.01	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.01	.018	23	.02
25	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.02	.02	.02	.02	.02	.01	.02	.01	.01	.01	.01	.014	23	.03
26*	.02		.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.01	.01	.01	.02	.01	.01	.01	.02	.02	.02	.02	.02	.016	24	.04
27*	.02		.04	.02	.02	.01	.01	.02	.01	.01	.02	.02	.02	.01	.01	.01	.02	.01	.02	.02	.01	.01	.02	.01	.014	23	.02
28	.01		.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.016	23	.03
29	.02		.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.03	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.015	24	.04
30	.03		.03	.03	.03	.03	.02	.04	.03				.03	.04		.04	.04	.03	.02	.02	.02	.02	.02	.02	.027	19	.04
31	.02		.01	.02	.02	.02	.03									.03	.03	.02	.02	.02	.02	.02	.02	.02	.020	19	.03
MEAN	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.018		
NO.	28		27	27	27	27	25	24	24	22	22	22	25	27	23	27	29	29	29	29	29	29	29	29		609	
MAX	.03		.03	.03	.03	.03	.03	.04	.03	.03	.04	.04	.04	.04	.04	.04	.08	.09	.06	.03	.03	.04	.05	.03	.034		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED MON. DEC. 21 1968

Table 3-157.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CINCINNATI OHIO — JAN/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.6	2.3	2.0	1.5	2.1	2.4	1.6	1.5	2.1	2.4	1.7	1.5	1.92	12	2.4
02	0.9	1.3	1.6	2.0	2.0	2.0	2.1	2.4	1.8	1.9	1.7	1.0	1.77	12	2.4
03	0.5	1.2	1.3	1.6	2.1	1.4	1.5	1.8	2.1	1.6	1.2	0.8	1.47	12	2.1
04	0.6	0.8	0.8	0.9	1.1	1.3	0.6	1.2	2.1	2.4	1.5	1.6	1.29	12	2.4
05	1.5	1.4	0.9	2.1	2.5	2.3	1.7	1.4	1.8	2.0	1.3	2.0	1.79	12	2.5
06	1.8	1.3	1.4	2.1	2.3	2.8	2.2	2.7	3.4	2.2	1.5	1.7	2.14	12	3.4
07	0.9	0.3	0.7	0.8	1.3	1.5	1.4	1.4	1.6	1.5	1.3	1.0	1.18	12	1.6
08	1.1	0.8	1.3	1.7	2.0	2.2	1.9	1.5	2.1	1.6	2.4	2.5	1.80	12	2.5
09	2.3	1.6	1.2	1.4	2.0	2.0	1.8	1.4	1.2	1.0	0.7	1.0	1.51	12	2.3
10	0.1	0.2	0.4	0.7	1.6	1.8	1.0	1.6	1.8	2.3	3.0	4.2	1.60	12	4.2
11	4.1	2.8	3.7	3.0	3.8	2.8	1.2	0.9	1.3	1.3	1.3	1.4	2.34	12	4.1
12	1.3	1.3	0.8	0.5	1.0	0.8	1.0	1.1	1.4	1.2	0.8	1.0	1.07	12	1.4
13	0.8	0.6	1.0	1.4	1.5	1.3	1.1	1.2	1.4	1.6	1.6	1.3	1.25	12	1.6
14	0.9	1.1	2.1	3.3	2.6	2.8	2.2	2.3	2.4	2.3	2.0	1.9	2.20	12	3.3
15	1.6	1.7	1.6	2.7	2.6	2.8	2.9	2.5	2.6	3.1	1.8	1.8	2.35	12	3.1
16	1.3	1.3	2.9	2.7	3.0	2.7	2.5	2.1	1.6	1.1	0.5	1.1	1.96	12	3.0
17	0.7	0.9	0.8	2.0	2.6	2.6	1.9	1.8	2.3	2.1	2.3	2.2	1.89	12	2.6
18	1.9	1.7	1.5	2.5	3.0	3.0	1.9	1.7	1.9	2.3	2.6	2.8	2.28	12	3.0
19	2.1	1.7	2.0	1.3	1.6	1.6	0.7	1.1	1.0	1.0	1.1	1.1	1.40	12	2.1
20	0.3	0.9	0.8	1.6	2.0	1.9	0.8	1.1	1.1	1.2	1.1	1.1	1.21	12	2.0
21	1.9	1.3	2.0	2.2	3.0	1.9	1.6	1.6	2.1	3.2	2.2	1.7	2.09	12	3.2
22	2.7	2.4	3.2	4.1	4.4	2.5	1.8	1.1	1.4	1.7	1.8	1.9	2.46	12	4.4
23	1.6	1.7	1.7	2.8	2.2	1.9	1.0	1.2	2.0	3.0	3.3	3.5	2.22	12	3.5
24	3.9	2.9	2.7	4.1	3.4	3.4	2.3	1.6	1.4	1.2	1.1	0.5	2.42	12	4.1
25	0.1	0.5	0.7	0.6	1.1	1.4	1.9	0.8	1.5	1.8	1.0	0.7	1.05	12	1.9
26	1.2	0.7	0.4	0.7	1.4	0.9	0.8	0.5	0.8	1.2	1.0	0.7	0.90	12	1.4
27	0.5	0.8	1.9	2.9	2.4	2.1	2.4	0.9	1.6	1.0	1.7	0.7	1.62	12	2.9
28	0.5	0.5	0.6	1.2	2.2	2.6	1.5	1.7	1.4	1.6	1.1	2.0	1.45	12	2.6
29	1.6	2.5	2.3	3.1	2.7	1.5	1.8	1.7	2.1	2.9	2.6	2.0	2.28	12	3.1
30	1.6	1.7	1.9	3.3	3.8	3.8	2.3	1.1	1.5	2.7	3.5	3.8	2.65	12	3.8
31	3.4	3.5	2.8	3.1	3.9	3.0	2.7	2.3	2.2	2.1	1.8	2.3	2.82	12	3.9
AVG	1.46	1.40	1.58	2.06	2.36	2.16	1.68	1.52	1.77	1.88	1.69	1.70	1.77		
N(3)	31	31	31	31	31	31	31	31	31	31	31	31		372	
MAX*	4.1	3.5	3.7	4.1	4.4	3.8	2.9	2.7	3.4	3.2	3.5	4.2	2.82		4.4

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-158.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CINCINNATI OHIO

FEB/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.4	1.0	1.2	0.8	1.3	1.0	1.1	0.5	0.8	0.8	0.6	0.9	1.00	12	1.4
02	1.2	1.4	1.3	1.8	2.6	1.8	0.6	0.6	0.7	1.3	1.1	0.8	1.31	12	2.6
03	1.4	1.0	1.5	1.7	1.6	1.3	1.4	1.4	1.2	1.5	2.8	2.9	1.70	12	2.9
04	2.6	3.9	4.2	4.7	6.5	4.8	2.9	1.7	2.3	3.6	4.6	5.5	3.98	12	6.5
05	4.8	5.3	5.0	5.7	6.4	5.3	2.2	1.3	1.8	1.2	1.4	1.0	3.49	12	6.4
06	1.0	1.0	1.3	1.8	3.3	2.4	2.8	3.2	1.9	2.1	1.6	1.9	2.06	12	3.3
07	0.9	0.8	0.9	2.3	3.1	3.3	2.5	2.5	1.9	1.2	0.5	1.0	1.79	12	3.3
08	1.0	1.6	0.8	2.0	2.5	3.1	2.9	3.5	1.8	3.2	1.5	2.1	2.21	12	3.5
09	1.5	0.9	1.2	1.3	1.1	1.5	1.3	1.9	1.8	1.6	1.1	1.4	1.43	12	1.9
10	1.7	1.2	1.3	1.9	1.7	2.3	1.5	1.6	1.7	1.1	1.2	1.0	1.55	12	2.3
11	0.6	0.8	1.3	4.5	3.6	2.2	2.7	2.2	3.3	2.8	3.0	3.2	2.39	12	3.6
12	3.1	3.1	3.8	5.0	2.0										
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
AVG															
N(3)													132		
MAX*													3.98		6.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-159.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CINCINNATI OHIO

MARCH/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG N(3)															
MAX*															

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-160.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	CINCINNATI OHIO APRIL/64 AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10						1.3	0.5	0.4	0.9	0.9	2.0	2.8	1.29	07	2.8
11	3.3	3.3	2.9	3.7	2.9	1.0	0.4	0.4	0.6	0.5	0.9	1.1	1.79	12	3.7
12	1.3	1.0	0.9	0.7	0.7	1.1	0.5	0.7	1.4	0.8	0.8	1.2	0.95	12	1.4
13	0.7	0.5	0.5	0.5	0.8	0.5	0.9	0.5	0.9	0.5	1.1	1.6	0.79	12	1.6
14	1.7	2.8	2.0	2.4	1.5	1.1	0.3	0.3	0.6	0.7	1.1	0.6	1.29	12	2.8
15	1.0	1.1	1.1	1.7	0.9	0.6	0.4	0.1	0.5	0.4	0.9	1.6	0.92	12	1.7
16	1.3	1.5	1.2	1.4	0.8	0.9	0.5	0.3	0.5	0.6	0.5	0.7	0.89	12	1.5
17	0.2	0.3	0.6	1.1	0.2	0.3	0.4	0.4	0.9	0.2	0.3	0.4	0.49	12	1.1
18	0.5	0.5	0.4	0.4	0.6	0.9	0.1	0.6	0.6	0.5	0.6	0.6	0.57	12	0.9
19	0.5	0.7	0.8	0.5	1.3	1.0	0.6	0.6	0.5	0.6	1.2	0.7	0.79	12	1.3
20	1.1	1.3	1.7	0.8	0.3										
21															
22															
23															
24															
25															
26															
27															
28						0.8	0.5	0.1	0.5	0.4	0.5	0.7	0.56	07	0.8
29	0.5	0.5	0.1	1.3	1.6	0.6	0.4	0.6	0.5	0.3	0.4	0.5	0.66	12	1.6
30	0.2	0.2	0.5	0.8	0.9	0.6	0.5	0.5	0.9	1.0	1.0	1.9	0.79	12	1.9
AVG															
N(3)														146	
MAX*													1.79		3.7

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-161.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
							CINCINNATI OHIO							MAY/64	
01	1.8	3.0	3.3	3.3	1.7	0.5	0.4	0.4	0.3	0.5	0.9	1.1	1.47	12	3.3
02	0.5	0.6	0.2	0.4	0.5	0.5	0.4	0.5	0.2	0.2	0.5	0.6	0.46	12	0.6
03	0.4	0.2	0.3	0.6	0.1	0.3	0.2	0.2	0.2	0.2	0.4	0.6	0.36	12	0.6
04	1.3	2.0	2.4	2.0	1.2	0.7		0.3	0.6	0.6			1.29	09	2.4
05															
06															
07															
08															
09															
10															
11															
12						0.9	0.4	0.5	0.6	0.7	0.9	0.8	0.71	07	0.9
13	0.2	0.3	0.7	1.0	0.4	0.6	0.3	0.5	0.5	0.8	0.5	0.2	0.56	12	1.0
14	0.4	0.4	0.8	1.2	1.0	0.8	0.5	0.5	0.7	0.4	1.7	2.1	0.90	12	2.1
15	1.4	2.5	2.2	3.2	2.3										
16															
17															
18							0.3	0.5	0.6	0.2	0.0				
19	1.3	1.1	1.5	0.8	0.7	0.6	0.7	0.8	0.3	0.7	0.4	0.2	0.80	12	1.5
20	0.8	0.4	0.4	0.4	1.6	0.7	0.9	0.8	0.4	0.5	0.6	0.3	0.69	12	1.6
21	0.2	0.3	0.3	0.2	0.6	1.5	1.4	1.1	0.5	0.7	0.7	2.0	0.83	12	2.0
22	2.3	2.6	3.0	3.0	3.5	1.4	0.6	0.2	0.8	0.5	1.0	1.2	1.73	12	3.5
23	1.6	1.7	1.5	2.1	1.7	0.8	1.0	0.7	0.8	0.5	0.4	0.5	1.16	12	2.1
24	0.6	0.4	0.4	0.6	0.4	0.3	0.3	0.3	0.6	0.4	0.3	0.9	0.51	12	0.9
25	0.4	0.6	0.7	1.5	2.3	0.5	0.1	0.1	0.6	0.2	0.5	0.8	0.73	12	2.3
26	1.1	2.6	1.5	1.5	0.7	0.3	0.2	0.6	0.8	0.4	0.6	0.5	0.94	12	2.6
27		0.3	0.5	0.7	0.7	0.8	0.5	0.4	0.5	0.6	0.4		0.57	10	0.8
28															
29															
30															
31															
AVG						0.70		0.49	0.52	0.49			.81		
N(3)						16		16	16	16				182	
MAX*						1.5		1.1	0.8	0.8			1.73		3.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-162.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CINCINNATI OHIO — JUNE/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01							0.2	0.6	0.2	0.4	0.6	0.5			
02	0.8	1.7	1.5	1.9	0.7	0.9	0.9	0.6	0.8	0.5	0.7	0.7	1.01	12	1.9
03	1.0	0.8	0.6	0.6	0.7	0.1	0.4	0.0	0.6	0.4	0.8	0.9	0.61	12	1.0
04	0.6	1.5	2.0	2.2	0.9	0.6	0.5	0.3	0.4	0.5	0.9	1.9	1.08	12	2.2
05	3.2	2.5	1.9	4.7	1.2	0.9	0.3	0.2	0.5	0.7	0.9	0.4	1.32	12	3.2
06	0.8	1.0	0.8	1.3	1.0	0.7	0.5	0.2	0.3	1.0	0.7	1.0	0.81	12	1.3
07	0.8	0.4	0.6	0.4	0.4	0.2	0.3		0.3	0.6	0.8	0.7	0.54	11	0.8
08	1.1	1.0	1.2	1.5	1.4	1.1	0.5	0.6	0.8	0.5	1.2	0.4	0.97	12	1.5
09	0.4	0.8	0.3	0.8	0.7	0.3	0.6	0.4	0.4	0.4	0.4	0.3	0.53	12	0.8
10	0.4	0.3	0.5	0.9	0.6	0.4	0.6	0.1	0.5	0.4	0.6	0.9	0.55	12	0.9
11	0.6	0.8	0.2	0.5	0.4	0.2	0.3	0.2	0.3	0.4	0.3	0.7	0.45	12	0.8
12	0.7	0.3	0.6	1.2	1.5	1.4	0.8	0.4	0.6	0.4	0.4	0.3	0.76	12	1.5
13	0.5	0.4	0.1	0.8	0.7	0.8	0.3	0.6	0.3	0.6	0.6	0.6	0.57	12	0.8
14	0.4	0.2	0.1	0.5	0.4	0.2	0.1	0.1	0.3	0.1	0.3	0.5	0.32	12	0.5
15	0.3	0.4	0.3	0.5	0.6	0.4	0.2	0.3	0.2	0.1	0.4	0.5	0.39	12	0.6
16															
17															
18															
19															
20															
21															
22															
23									1.5	0.7	0.6	0.4			
24	0.4	0.5	0.6	1.3	0.2	0.4	0.4	0.4	0.4	0.3	0.7	0.6	0.55	12	1.3
25	1.4	1.5	1.9	2.2	1.0	0.4	0.5	0.5	0.3	0.4	0.9	3.3	1.24	12	3.3
26	3.1	2.9	3.5	2.8	1.6	0.7	0.6	0.3	0.7	0.4	1.8	2.2	1.76	12	3.5
27	2.2	2.5	2.4	3.4	2.4	0.7	0.5	0.5	0.6	0.7	2.2	1.6	1.69	12	3.4
28	0.2	0.6	0.2	0.1	0.3	0.1	0.1	0.3	0.3	0.3	1.8	3.2	0.67	12	3.2
29	3.0	2.8	3.1	3.5	1.4	0.7	1.0	0.4	0.3	0.4	0.8	3.1	1.76	12	3.5
30	2.3	1.9	0.8	1.5	1.0	0.9	0.6	0.7	1.1	0.6	1.0	1.4	1.20	12	2.3
AVG	1.15	1.18	1.10	1.45	0.90	0.57	0.47	0.35	0.47	0.46	0.86	1.20	.84		
N(3)	21	21	21	21	21	21	21	20	21	21	21	21		251	
MAX*	3.2	2.9	3.5	3.5	2.4	1.4	1.0	0.7	1.1	1.0	2.2	3.3	1.76		3.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-163.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CINCINNATI OHIO — JULY/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.6	0.4	0.5	1.1	1.0	0.3		0.6	0.0	0.6	0.5	0.9	0.63	11	1.1
02	0.9	1.4	1.5	1.7	1.0	0.3	0.4	0.4	0.5	0.2	0.7	0.8	0.85	12	1.7
03	0.9	0.8	1.0	1.2	1.5	1.1	0.5	0.9	0.7	0.6	0.4	0.2	0.84	12	1.5
04	0.7	0.4	0.6	0.8	0.3	0.6	0.3	0.4	0.3	0.4	0.7	1.7	0.65	12	1.7
05	1.7	1.1	1.4	1.8	1.1	0.1	0.4	0.2	0.4	0.0	0.9	1.3	0.91	12	1.8
06	1.6	2.6	2.2	2.9	1.7		0.3	0.3	0.8	1.0	0.6	0.6	1.38	11	2.9
07	0.3	2.1	1.5	0.8	1.4	0.6	1.3	1.0	0.8	0.5	0.7	0.7	1.01	12	2.1
08	0.6	1.0	0.9	0.6	0.8	0.7	1.0	0.8	0.6	0.8	1.2	1.0	0.87	12	1.2
09	0.7	0.6	0.5	0.7	1.2	1.3	1.0	0.9	1.0	0.8	1.3	1.8	1.04	12	1.8
10	2.1	2.2	1.9	1.9	1.3	1.2	0.7	0.6	0.5	0.5	1.5	2.8	1.48	12	2.8
11	3.8	3.2	3.1	3.2	3.1	0.8	0.7	0.4	0.6	0.7	2.0	2.9	2.09	12	3.8
12	2.7	1.0	0.8	0.7	0.4	0.4	0.5	0.6	0.6	0.8	1.3	1.2	0.96	12	2.7
13	0.3	0.2	0.5	1.1	0.2	0.2									
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG N(3)															
MAX*													2.09	142	3.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-164. TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CINCINNATI OHIO — AUG/64

	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG N(3)														000	
MAX*													.0		0.0

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-165.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CINCINNATI OHIO — SEPT/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG N(3)															
MAX*													.0	000	0.0

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (NO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-166.

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CINCINNATI OHIO — OCT/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG N(3)															
MAX*															

000
. 0 0.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-167.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CINCINNATI OHIO

NOV/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG N(3)															
MAX*															

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-168.

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CINCINNATI OHIO — DEC/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11							1.5	1.3	1.2	1.3	1.5	0.9			
12	0.7	0.5	0.9	0.8	1.3	1.0	0.6	1.0	1.1	1.3	1.3	1.3	1.01	12	1.3
13	1.5	0.8	0.4	1.0	1.1	0.7	0.5	0.6	0.4	0.3	0.5	0.8	0.76	12	1.5
14	0.5	0.4	0.7	2.2	1.9	0.8	1.0	0.7	0.8	0.3	0.7	0.2	0.88	12	2.2
15	0.4	0.1	0.4	1.3	1.6	1.1	1.6	1.0	1.8	1.7	1.4	1.6	1.23	12	1.8
16	0.5	0.7	0.9	1.8	2.1	1.7	1.3	1.6	1.5	1.4	1.2	1.0	1.35	12	2.1
17	1.2	0.7	1.8	1.9	1.9	1.3	1.3	0.9	0.9	1.2	0.7	0.3	1.22	12	1.9
18	0.1		0.2	0.7	1.2	0.8	0.8	1.1	1.2	1.7	1.7	2.9	1.16	11	2.9
19	2.4	1.8	1.9	2.0	1.9	1.6	2.2	1.5	1.5	1.4	1.3	0.8	1.74	12	2.4
20	0.3	0.7	0.5	1.8	1.1	1.7	0.8	1.0	1.1	1.5	1.8	3.1	1.31	12	3.1
21	3.6	4.0	4.2	5.0	3.8	3.7	2.1	1.3	2.5	2.4	1.2	0.8	2.92	12	5.0
22	0.7	0.9	1.3	1.6	1.9	1.2	1.6	1.6	0.7	0.7	0.8	1.3	1.23	12	1.9
23	1.4	1.1	1.8	2.0	2.8	1.2	0.8	0.9	0.9	1.2	0.9	0.7	1.35	12	2.8
24	0.7	0.1	0.9	1.1	0.6	0.7	1.0	0.5	0.3	0.2	0.3	0.6	0.62	12	1.1
25	1.0	0.4	0.8	0.8	1.1	0.5	1.1	1.1	1.0	0.6	1.4	1.0	0.95	12	1.4
26	1.6	2.1	1.1	0.6	0.4	0.7	0.9	0.6	1.0	0.9	0.8	1.0	1.01	12	2.1
27	0.6	0.8	0.9	0.8	1.0	1.3	1.1	1.0	1.1	1.0	1.2	0.8	1.01	12	1.3
28	0.5	0.9	0.7	0.7	1.0	0.4	0.7	1.0	1.0	0.4	0.8	0.9	0.79	12	1.0
29	1.1	1.2	0.9	1.7	2.0	1.9	1.4	1.3	2.0	1.3	1.3	0.6	1.43	12	2.0
30	0.5	0.1	0.6	0.9	1.1	0.5	0.4	0.5	0.4	0.8	0.9	0.4	0.63	12	1.1
31	0.9	0.5	1.0	2.8	2.7	0.6	0.2	0.8	0.5	0.7	0.4	0.6	1.02	12	2.8
AVG	1.01	0.93	1.09	1.57	1.62	1.17	1.07	1.00	1.08	1.05	1.03	1.03	1.14		
N(3)	20	19	20	20	20	20	20	20	20	20	20	20		239	
MAX*	3.6	4.0	4.2	5.0	3.8	3.7	2.2	1.6	2.5	2.4	1.8	3.1	2.92		5.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

PHILADELPHIA

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Table 3-169.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3																											
4*																											
5*																											
6																											
7																											
8																											
9																											
10																											
11*																											
12*																											
13																											
14																											
15																											
16																											
17																											
18*																											
19*																											
20																											
21																											
22																											
23																											
24																											
25*																											
26*																											
27																											
28																											
29																											
30																											
31																											
MEAN																											
NO																											
MAX																											
																									0.0		0

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

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CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-170.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CARBON MONOXIDE
FEB. 1964

CONCENTRATION IN PPM
INFRARED ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*																											
2*																											
3																											
4																											
5	8	8	8	8	8	8	9	11	11	10							6			12	12	15	21	31	11.5	16	33
6	20	15	10	8	7	7	7	9	10	10	10	9	9	9	8	10	15	15	9	6	6	5	5	5	9.6	24	32
7	5	5	5	5	5	6	6	7	8	8	7	8	6	5	4	3	5	7	10	9	9	6	6	7	6.3	24	12
8*	7	6	6	6	6	6	6	6	6	8	9	9	9	10	10	9	9	8	8	8	8	7	8	8	7.4	24	12
9*	7	7	7	7	7	7	7	7	7	8	10	9	9	8	8	9	11	12	10	10	10	9	9	9	8.5	24	13
10	9	8	8	7	8	7	9	9	8	10	9	8	9	9	10	8	9	10	8	6	7	7	6	5	8.0	24	18
11	5	5	6	5	5	5	5	6	7	7	7	7	7	8	7	7	8	8	5	5	5	5	5	6	6.1	24	16
12	5	5	5	5	4	5	5	7	7	7	7	7	6	6	7	8	10	9	8	7	7	5	4	5	6.0	24	18
13	7	6	5	5	3	4	7	9	10	8	7	6	5	7	7	8	10	11	7	7	8	4	4	4	5.1	24	12
14	4	4	4	4	4	4	6	9	5	7	8	8	7	7	7	6	7	9	8	8	6	5	6	6	6.5	24	12
15*																											
16*	5	5	4	4	4	4	4	4	4	4	5	5	5	5	6	5	5	5	5	5	5	5	5	5	4.7	24	6
17	7	5	5	4	4	5	5	6	6	5	6	7	6	5	8	5	6	8	7	7	6	5	7	12	6.0	24	14
18	2	2	2	2	2	2	4	5	6	7	6	7	3	3	3	3	4	4	5	4	3	4	3	3	5.3	24	13
19	3	3	2	3	3	3	5	5	6	4	3	3	3	3	2	3	5	4	5	5	5	5	4	5	3.0	19	9
20																									3.8		9
21	5	5	5	5	5	5	6	8	7	6	5	6	6	5	4	4	5	7	6	5	5	6	5	6	5.4	24	11
22*	5	5	5	4	4	4	3	4	4	4	5	4	4	4	5	4	5	5	4	3	3	3	3	3	4.0	24	7
23*	3	3	3	3	3	3	5	3	3	6	5	3	3	3	3	3	2	2	4	5	5	4	4	4	3.2	28	6
24	4	3	2	2	2	2	6	6	5	9	5	5	6	6	6	5	6	8	6	7	7	6	6	7	4.9	24	14
25	5	4	4	4	3	5	5	9	9	9	9	8	7	7	6	7	8	9	8	7	6	6	7	7	6.4	24	16
26	9	7	7	7	8	8	7	9	8	9	8	8	6	6	3	4	5	7	6	7	6	5	5	5	6.8	24	15
27	5	5	5	5	5	5	5	7	7	7	8	7	6	6	5	5	6	6	7	8	7	8	7	7	6.3	24	17
28	6	5	5	5	5	5	8	9	10	8	8	8	8	7	6	6	9	8	9	9	9	6	5	8	6.4	22	13
29*	5	5	5	5	5	5	6	6	6	8	8	8	8	7	6	6	6	7	9	9	8	8	7	5	6.7	24	11
MEAN	6	5	5	5	5	5	6	7	7	7	7	7	6	6	6	6	7	8	7	6	6	6	6	7	6.1		
NO	25	25	25	25	25	25	25	25	25	23	20	22	23	23	24	24	25	24	24	25	25	25	25	25		582	
MAX	20	15	10	8	8	8	9	11	11	10	10	9	9	10	10	10	15	15	10	12	12	15	21	31	11.5		33

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-171.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

PHILADELPHIA, PA.

CARBON MONOXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	7	7	7	6	7	8	7	9	8	8	8	8	9		8	7	6	8	8	7	7	7	7	R	7.4	23	12
2	7	6	7	6	7	7	8	11	16	13	8	5	5	5	5	5	6	9	10	11	10	9	9	8	8.0	24	21
3	M	8	8	8	8	8	9	10	13	12	10	10	9	7	6	7	8	9	7	9	13	13	14	13	9.4	24	17
4	12	11	12	14	13	14	15	13	11	7	3	3	3	3	3	4	5	7	6	7	6	7	6	7	7.9	24	18
5	5	4	4	4	4	4	4	4	4	3	2	1	2	3	2	2	2	4	3	4	6	7	7	7	3.8	24	9
6	8	6	6	6	5	6	6	6	7	5			2	3	2	3	4	5	7	8	10	8	8	10	5.8	22	13
7*	10	7	6	5	5	5	5	5	6	6	6	5	5	5	3	3	3	4	5	6	7	6	7	7	5.6	24	12
8*	8	9	10	6	6	5	5	4	5	5	3	3	3	3	3	4	4	4	5	6	6	6	5	5	5.2	24	13
9	5	5	5	5	5	5	6	11	10	8	8	5	4	2	2	3	5	7	5	2	2	2	2	3	4.9	24	17
10	5	3	3	3	6	7	7	13	14	9	7	6	3	1	2	2	4	5	4	4	4	4	4	4	5.1	24	17
11	3	3	3	3	3	3	4	4	6	6	6	5	5	6	4	4	4	8	7	7	5	5	5	5	4.8	24	15
12	5	4	4	5	4	5	6	9	10	5	6	6	6	7	7	7	9	10	6	5	5	5	4	4	5.9	24	17
13	4	4	4	4	3	4	5	6	7	5	4	4				4	4	6	3	5	6	5	5	5	4.6	21	11
14*	5	4	4	4	4	4	4	5	5	4	4	3	4	4	5	6	8	7	6	7	8	5	5	5	4.9	24	9
15*	5	4	5	5	7	5	4	4	4	4	4	4	4	5	5	6	6	6	5	4	4	4	4	4	4.6	24	9
16	4	3	3	3	3	4	4	5	6	5	3	3	3	4	3	3	5	5	5	6	7	7	8	6	4.5	24	9
17	7	5	6	6	5	6	4	5	5	5	3	2	2	2	2	3	3	6	5	5	5	5	4	4	4.4	24	8
18	4	4	4	4	4	4	4	5	6	6	6	5	5	4	4	4	5	6	6	5	5	4	4	4	4.6	24	10
19	4	4	4	4	4	4	5	5	7	6	6	5						3	5	4	4	4	4	4	4.5	19	8
20	4	4	4	3	3	3	4	5	6	5	4	3	3				4	5	5	6	5	5	5	4	4.2	21	8
21*	3	3	3	3	3	3	3	3	4	4	5	5	5	5	4	4	4	3	3	3	3	3	3	3	3.7	24	7
22*	3	3	3	3	2	2	2	3	3	2	3	3	3	3	3	3	4	4	3	3	4	5	5	5	3.1	24	5
23	5	4	4	5	5	5	5	6	6	5	4	3	4	4	4	4	4	6	5	5	5	7	7	7	4.9	24	12
24	4	7	6	7	7	7	9	12	10	6	3	3	3	3	3	3	3	4	4	5	5	6	6	6	5.6	24	14
25	5	5	6	4	4	5	6	7	7	6	7	5	4	3	3	4	5	6	6	3	4	6	2	2	4.8	24	8
26	2	2	2	2	2	2	2	3	3	3	4	5	3	3	4	3	2	2			2	2	3	3	2.7	22	8
27	4	3	4	4	4	4	4	5	4	3			1	1	1	1		1	1	2	3	5	5	5	3.1	21	6
28*	6	5	4	5	5	4	5	5	4			1	3	3	2	3	3	5	6	6	7	7	7	6	4.6	22	8
29*	6	5	5	5	5	5	5	5	5	5	5	6	6	6	6	4	3	3	6	6	6	6	5	5	5.1	24	7
30	6	5	5	5	5	6	6	7	8	7	7	7	7	6	6	7	7	8	6	5	5	5	5	5	6.0	24	10
31	5	5	5	5	5	5	6	6	7	6	5	4	3	4	4	6	7	9	7	6	6	6	7	6	5.6	24	14
MEAN	5	5	5	5	5	5	5	6	7	6	5	4	4	4	4	4	5	6	5	5	6	6	6	6	5.2		
NO	31	31	31	31	31	31	31	31	31	30	28	29	29	27	28	29	29	31	30	30	31	31	31	31		723	
MAX	12	11	12	14	13	14	15	13	16	13	10	10	9	7	8	7	9	10	10	11	13	13	14	13	9.4		21

* Indicates Saturday or Sunday
Local standard time used

TABULATED WFD. DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-172.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	6	5	5	4	4	4	5	6	8	6	5	4	3	4	4	4			5	6	7	R	7	7	5.1	22	10
2	8	6	5	5	4	4	5	8	7	5	3	2	2	1	2	2	4	5	4	3	3	3	3	3	4.0	24	9
3	3	3	3	5	5	3	3	6	4	3			1	2	2	2	3	5	5	5	5	5	5	5	3.R	22	R
4*	5	4	4	4	4	4	4	5	6	7	5	4	3	4	4	4	4	5							4.5	18	8
5*		6	6	5					6	5	5	5	4	5	6	7	9	10	7	5	6	7	7	7	6.1	19	11
6	6	6	6	6	5	6	7	7	8	R	7	8	9	7	7	8	10	13	9	8	9	7	7	R	7.6	24	18
7	7	6	7	7	6	7	8	10	12	10	8	9	9	9	8	10	14	20	12	12	13	10	R	R	9.5	24	30
8	R	7	8	9	9	8	11	11	17	12	10	R	5	4	5	5	6	6	5	5	4	4	4	4	7.2	24	23
9																											
10																											
11*											3	4	5	7	5	6	7	8	5	4	5	5	R	R	5.6	19	14
12*											8	R	9	9	9	6	9	10	R	6	5	6	6	5	7.3	24	16
13	7	6	6	8	6	6	7	9	10	7			9	5	6	7	6								7.4	17	19
14	7	6	7	R	5	9	12	7	10	R	R	9	R														
15																											
16																											
17																											
18*	4	6	3	3	3	2	3	4	5	3	2	2	2	2	2	2	2	2	2	3	4	2	2	2	2.8	24	R
19*	3	2	R	6	6	6	6	6	7	7	7	6	13	9	4	4	R	4	3	5	10	12	11	10	6.6	24	19
20	7	7	9	9	7	7	R	12	14	14	12	12	9	9	10	11	12	14	12	11	10	10	10	10	10.3	24	24
21	7	6	4	5	6	7	9	10	10	10	9	10	11	12	13	13	13	17	12	13	11	13	11	13	10.2	24	25
22	12	12	11	12	12	12	12	17	17	16	16	15	17	15	15	12	12	17	18	18	17	17	18	18	14.9	24	29
23	19	19	18	18	18	18	18	19	17	10		4	4	5	4	4	4	6	5	6	R	8	6	6	10.6	23	24
24	7	8	5	4	4	5	6	6	8	6	6	4	4	4	3	4	5	7	6	6			17	19	6.5	22	20
25*	20	20	22	20	20	21	21	24	19	10	9	7	7	5	6	5	5	6	7	8	9	12	16	20	13.0	24	31
26*	18	17	17	15	13	17	17	14	6	4	5	4	2	3	2	4	4	3	3	10	12	15	16	16	9.2	24	28
27	15	17	17	17	17	19	24	17	9	4	3	3	5	6	4	5	5	2	6	6	12	6	7	7	9.7	24	39
28	8	8	9	11	12	13	21	18	10	9	7	4	9	7	6	8	11	9	6	8	11	12	13	16	10.2	24	25
29	18	18	20	19	19	20	22	21	21	21	21	16	16	20	22	23	24	19	18	17	19	15	18	17	19.3	24	31
30	14	17	18	17	17	16	21	22	21	20	22	22	23	21	20	20	14	11	17	17	15	15	16	14	18.3	24	28
MEAN	10	9	9	9	9	10	11	12	11	9	8	7	7	7	7	7	8	9	8	8	9	9	10	10	8.9		
NO.	24	23	23	23	22	22	22	24	23	23	22	23	24	24	24	24	23	22	22	22	21	21	22	22		541	
MAX.	20	20	22	20	20	21	24	22	21	21	22	22	23	21	22	23	24	20	18	18	19	17	18	20	19.3		39

* Indicates Saturday or Sunday
Local standard time used

TABULATED 4 D., DEC., 9, 1968

Table 3-173.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1	21	21	19	22	21	21	22	24	24	18	11	9	13	7	5		9	8	9	9	15	13	15	14	15.3	23	27
2*	12	12	10	13	15	15	17	15	10	8	9	5	6	7	7	9	7	7	9	12	22	25	26	23	12.5	24	29
3*	24	23	23	23	24	23	25	23	18	12	11	11	10	9	9	7	9	9	10	13	12	13	17	18	15.6	24	29
4																											
5																											
6												1	2	4	3	5	10	8	4	8	10	12	14	17	7.6	13	20
7	19	16	16	18	17	19	19	20					4	5	5	6	9	8	7	9	8	8	10	10	11.6	20	21
8	10	9	9	9	10	11	14	15	13	7				5	7	9	7	5	4	6	4	2	5	5	7.9	21	16
9*	3	4	3	2	3	2	4	2	4	4				5	4	2	2	3	4	5	4	3	3	3	3.4	21	6
10*	4	3	4	4	4	5	4	8			8	10	11	11	11	10	11	10	9	13	19	18	19	14	9.3	22	21
11	13	12	14	13	15	19	19	15	11	9	10	9	9	10	11				2	3	3	5	5	6	10.1	21	21
12	7	7	7	5	7	7	6	9						7	8	9	10	8	8	8	9	10	8	10	7.8	19	13
13	10	9	11	9	10	11	11	13	11	9	9		7	8	6		4	4	3	5	5	6	6	5	7.8	22	17
14	5	4	4	3	4	6	7	8	7						4	6	5	5	4	7	7	7	7	11	5.7	19	13
15	9	8	9	6	4	9	11	9	9	11	8	6	6	5	4	3	3	2	4	4	7	5	1	2	6.0	24	14
16*					3	4	5	4	4	2	5	4			2	2	4	5	3	4	7	5	6	7	4.3	18	8
17*	5	4	6	4	4	4	5	6	5	5	5	5	5	5	5	5	4	5	5	8	9	9	10	8	5.6	24	11
18	11	9	12	11	11	14	13	10	7	5	8	9	7	8	8	9	8	7	7	11	10	16	19	24	10.4	24	27
19	19	23	19	17	12	12	15	14	7			2	2	2	2	2	5	3	2	2	1	2	3	4	7.7	22	25
20	3	2	3	3	3	4	5	4	3					2	2	1	2	1	1	1	1	1	1	1	2.2	20	7
21	1	1	1	1	1	1	2	3	2	1	3	6	5	6	6	5	5	5	5	4	3	4	4	4	3.4	24	8
22	4	5	5	4	2	3	4	3	3			3	3	4	5	5	5	4	4	4	4	4	4	5	3.9	22	7
23*	5	5	7	6	7	6	7	8	8	7	7	8	8	9	9	9	9	9	8	7	8	7	7	6	7.3	24	11
24*	6	6	6	6	6	6	6	6	6	7	7	8	7	8	8	8	8	7	7	7	8	8	11	6	6.9	24	14
25	6	6	7	7	7	9	9	8	5	4	3	3	5	5	5	5	6	5	4	4	4	5	6	6	5.7	24	11
26	5	7	6	7	6	7	9	7				4	7	6	6	7	8	7	6	4	3	3	4	4	5.7	21	12
27	5	4	5	4	4	6	4	3	2		3	4	4	4	4	4	5	4	5	5	4	4	6	6	4.2	23	7
28	7	6	4	4	4	5	5	5	4	4	3	3	2	2	1	1	2	2	3	3	4	4	5	4	3.6	24	8
29	4	3	2	2	2	3	4	3	2	1	1	1	1	1	1	2	2	2	3	3	5	3	2	2	2.4	24	6
30*	2	3	3	5	6	6	6	4	3			1	1	2	2	2	2	2	1	2	3	2	4	3	2.9	22	7
31*	5	4	5	4	3	4	3	4	3	4	5	4	3	2	2	2	2	2	1	3	4	7	6	5	3.5	24	8
MEAN	8	8	8	8	8	9	9	9	7	7	7	5	6	5	5	5	6	5	5	6	7	7	8	8	6.9		
NO.	27	27	27	27	28	28	28	28	24	18	18	22	23	27	29	26	28	28	29	29	29	29	29	29		637	
MAX	24	23	23	23	24	23	25	24	24	18	11	11	13	11	11	10	11	10	10	13	22	25	26	24	15.6		29

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-174.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
JUNE 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX
1	6	5	3	3	3	4	8	9	8	6	5	4	2	3	4	4	5	4	7	9	8	8	8	8	5.7	24	11
2	8	7	7	7	6	5	7	8	5	5	5	3	2	3	3	3	4	2	3	3	3	6	6	8	5.9	24	11
3	4	6	7	7	6	9	10	10	8	4	3	3	2	2	3	2	3	3	2	2	2	2	2	3	4.5	24	13
4	3	2	1	1	1	3	5	4		6	4	4	3	3	2	2	3	2	2	2	4	6	6	3	3.2	23	8
5	0	2	2	1	1	2	3	4	4	3	3	4	3	2		3	4	6	5	6	6	5	5	5	3.4	23	8
6*	6	5	5	5	4	7	10	8	6	6	6	6	6	5	6	6	6	7	7	7	7	6	6	6	6.3	24	12
7*	8	7	9	8	9	7	8	9	9	8	7	7	7	7	7	7	7	6	9	8	7	6	5	5	7.4	24	12
8	6	6	5	6	5	7	8	9	7	6	5		4	5	5	6	7	7	7	4	4	4	4	4	5.7	23	11
9	4	3	4	4	4	6	8	9	6	4	3	3	4	3	3	3	4	4	4	3	3	3	2	2	3.9	24	11
10	1	2	2	3	2	4	5	4	3	4	4	6	6	5	5	5	7	5	4	4	5	4	5	4	4.1	24	8
11	4	4	4	4	4	4	7	6	6	4	4	5	6	6	5	6	8	8	7	7	8	7	8	7	5.8	24	10
12	6	6	5	5	6	7	9	11	9		7	9	8	9	9	11	11	11	9	9	8	8	9	10	8.3	23	13
13*	10	9	8	6	7	7	9	9	9	9	8	6	6	7	7	8	7	7	7	8	8	8	8	7	7.6	24	13
14*	6	6	6	5	5	4	5	5	4	5	5	6	6	7	7	8	7	7	7	7	9	9	6	4	6.1	24	14
15	4	4	3	3	3	5	6	7	6			3	4	5	5	4	6	5	4	4	3	2	2	3	4.1	22	9
16	2	2	2	1	1	3	3	3	2	2	2	5	3	3						2	2	3	3	4	2.5	19	7
17	3	4	3	5	5	5	6	5	3	4	6	5	6	6	4	4	6	6	5	6	6	6	7	7	5.1	24	11
18	6	5	5	5	6	8	11	8	8	7	7	6	5	6	7	3	4	2	2	2	2			3	5.3	22	13
19		2	1	1	2	4	5	6	5	3		5	4	3	2	2	8	8	5	7	6	8	9	7	4.7	22	10
20*	6	3	6	8	5	3	3	4	3	2			3	3	3	3	4	2	2	4	5	9	9	8	4.4	22	11
21*	8	7	9	9	9	9	9	6	6	6	6	7			2	3	4	3	4	4	4	4	4	4	5.6	22	10
22	4	4	4	4	4	5	6	6	4	5	5	6	6	7	7	8	8	6	6	6	6	6	7	7	5.5	24	10
23	7	7	8	8	8	8	9	10	10	8	8	8	8	8	9	10	10	10	9	9	9	10	10	10	8.9	24	13
24																											
25								5	4	3	3	3	4	4	4	5	6	4	3	4	5	4	8	6	4.5	17	9
26	7	5	6	7	6	10	7	7	3	4	2	3	3	4	4	6	5	4	3	2	3	4	4	4	4.7	24	11
27*	5	3	3	3	3	4	3	4	3	3	4	4	6	6	7	6	6	6	5	5	4	4	3	3	4.2	24	9
28*	4	4	3	4	4	3	4	5	2	2	3	3	4	5	5	6	5	5	4	4	6	6	4	5	4.1	24	8
29	4	4	5	5	6	6	7	6	4	3	4	4	6	6	6	5	6	4	4	3	3	3	4	4	4.7	24	8
30	4	5	6	4	2	3	4	4	2	1					4	6	5	4	3	2	1	2	2	3	3.3	20	7
MEAN	5	5	5	5	4	5	7	6	5	5	5	5	5	5	5	5	6	5	5	5	5	5	6	5	5.2		
NO.	27	28	28	28	28	28	28	29	28	27	25	26	27	27	27	28	28	28	28	29	29	28	28	29		666	
MAX.	10	9	9	9	9	10	11	11	10	9	8	9	8	9	9	11	11	11	9	9	9	10	10	10	8.9		14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-175.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	3	3	2	3	3	3	5	5	3	3	4	3	6	5	6	7	7	5	4	3	2	2	3	3	3.8	24	11
2	2	2	2	3	4	4	6	6	4	4						6	4	3	3	3	3	2	3	3	3.6	19	8
3	4	3	4	4	5	3	4	4	2				3	4	5	4	4	3	3	3	3	2	2	2	3.4	21	9
4*	3	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	4	3	3	3	3	2.9	24	5
5*	3	3	3	3	2	2	4	3	2	3	2	3	3	4	2	3	2	2	2	3	4	3	3	3	2.8	24	5
6	4	3	4	5	4	7	6	4	3	2	3	3	3	4	4	5	5	4	4	3	5	6	7	6	4.3	24	9
7	5	5	5	5	7	7	8	7	5	2	2	2	3	4	3	3	4	2	2	1	2	2	2	3	3.7	24	9
8	3	2	2	3		3	4	4	3	2	4	4	3	2	3	6	5	3	5	6	6	4	5	6	3.8	23	9
9	5	4	5	4	4	5	7	6	2	1	1	1	1	1	1	2	3	3	1	1	3	4	5	5	3.2	24	9
10	4	3	5	2	3	4	3	4	3	1	1	1					7	5	4	10	6	4	5	5	3.9	20	14
11*	4	6	5	7	4	5	5	5	6	3	3	5	4	6	6	5	5	5	4	4	4	4	7	4	4.8	24	10
12*	4	5	6	4	2	2	2	4	4	5	5	6	7	6	7	5	5	4	5	6	6	7	8	7	5.0	24	9
13	5	5	6	6	7	9	10	10	7	4	5	5	5	6	8	5									6.6	16	13
14																											
15																											
16																											
17																											
18*	3	3	4	1	1	2	2	4	2	2	2	1	2	3	2	3		4	4	5	5	7	10	7	3.4	23	12
19*	5	4	4	3	3	4	3	5	4	2	2	2	3	5	7	7	6	6	5	5	5	5	4	4	4.2	24	8
20	4	3	2	2	3	3	5	6	4	3				4	6		6	5	6	6	6	7	7	6	4.7	20	9
21	4	2	3	3	3	4	6	7	2	3	1	2	3	4	3	4	5	4	3	2	2	2	3	3	3.1	24	10
22	2	2	2	2	2	2	4	4	2	2	2	2	2	3	3	3	2	2	3	1	1	2	4	4	2.4	24	7
23	3	2	1	1	2	3	6	5	2	3	2	2	3	4	4	3	4	4							2.9	18	13
24																											
25*	6	4	4	5	4	6	7			4	4	4	4	4	4	5	5	4	4	5	6	5	5	3	4.6	22	9
26*	3	3	3	2	3	3	3	3	3	5	6	5	5	6	4	4	4	4	3	3	3	3	3	4	3.7	24	8
27	2	1	1	2	4	5	5	5	3	2	1				4	5	7	6	7	6	5	4	5	5	4.0	21	9
28	6	5	6	5	5	6	9	9	6	9	5	4	6	6	6	5	5	3	4	4	4	3	4	4	5.2	24	15
29	5	4	4	4	4	4	7	8	5	6	5	5	6	6	6	7	9	7	6	7	5	7	7	7	5.8	24	12
30	6	5	5	5	5	6	8	9	5	5	4	3	5	6	7	8	10	8	8	8	6	5	6	4	6.0	24	12
31	5	3	3	4	3	4	8	7	4	4	4	4	6	6	5	6	8	5	4	5	5	4	4	3	4.7	24	15
MEAN	4	3	4	3	3	4	5	5	4	3	3	3	4	4	5	5	5	4	4	4	4	4	5	4	4.1		
NO.	26	26	26	26	25	26	26	25	25	25	23	22	22	23	24	24	24	25	24	24	24	24	24	24		581	
MAX.	6	6	6	7	7	9	10	10	7	9	6	6	7	6	8	8	10	8	8	10	6	7	10	7	6.6		15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-176.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CARBON MONOXIDE
AUG. 1964

CONCENTRATION IN PPM
INFRARED ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	4	3	4	5	5	5	5	5	5	4	5	6	7	6	6	5	6	6	5	5	4	5	7	7	5.2	24	11
2*	4	3	8	5	7	3	3	2	4	4	5	6	6	6	5	5	5	5	6	6	8	8	6	6	5.4	24	11
3	6	5	4	4	4	5	7	9	5	4	4	4	5	4	7	7	7	7	7	7	8	7	8	5	5.9	24	16
4	3	3	3	2	3	6	9	10	8	6	5	5	5	7	7	6	7	4	4	5	5	4	5	6	5.2	24	11
5	8	5	3	3	4	4	8	7	5	4	2	3	3	2	2	2	3	3	6	6	3	3	4	4	4.0	24	11
6	5	3	3	1	3	4	8	4	3	2	2	3	3	4	3	4	6	5	5	5	9	7	5	5	4.1	24	12
7	4	5	7	6	7	9	13	13	14	13	7	4	4	6	4	5	3		5	9	14	14	13	10	8.2	23	18
8*	4	7	7	6	8	9	11	9	9	7	6	5	8	9	7	6	5	3	2	3	3	4	4	4	6.3	24	14
9*	4	3	2	3	3	3	5	4	4	4	4	5	6	7	7	6	5	4	4	5	6	7	8	6	4.7	24	10
10	6	4	5	5	5	8	9	12	8	7	2	2	2	2	2	2	2	3	3	3	3	3	4	5	4.3	24	14
11	2	2	2	1	2	4	7	6	4	1	2	3	3	4	5	3	4	5	2	3	2	2	3	4	2.8	24	12
12	1	1	2	2	1	3	5	4	3	2	2	2	3	4	4	4		6	11	9	7	6	5	5	3.9	23	14
13	5	4	3	3	4	4	6	7	3	2	3	5	6	7	6	5	8	6		6	6	7	6	7	4.9	24	10
14	6	5	4	5	5	6	7	8	6	6	11	6	7	7	6	6	7	7		8	8	8	10	10	6.6	23	14
15*	11	9	9	7	6	7	7	8	7	6	6	6	7	7	7	6	8	7	6	8	8	8	8	8	7.3	24	13
16*	8	7	7	5	6	6	7	8	10	9	7	6	6	7	7	5	5	4	5	4	6	4	4	4	6.1	24	13
17	4	5	5	5	3	6	10	10	4	2	3	4	4	4	4	6	9	7	8	7	7	8	8	7	5.3	24	15
18	6	5	5	4	5	4	6	11	7	5	4	4	5	4	4	6	6	4	6	7	5	6	5	5	6.2	24	14
19	4	5	5	3	3	4	7	7	4	2	2	2	6	4	2	3	6	4	4	5	6	6	4	5	4.7	20	9
20	4						7	8	4	2	2	2	2	2	2	2	4	3	4	5	6	6	8	9	4.1	24	11
21	3	3	3	3	2	4	6	5	4	5	5	5	5	6	6	7	7	4	4	4	4	3	4	4	4.4	24	15
22*	4	3	2	2	6	5	9	7	4	4	4	4	6	5	5	4	6	4	4	3	3	3	2	2	4.0	22	13
23*	1	1	1	1	2	2	6	5	3	4	4	5	6	3	4	5	4	4	2	5	3	5	6	4	3.9	24	11
24	3	2	2	2	3	6	9	7	5	4	3	3	4	3	5	5	7	3	3	3	3	5	8	7	4.2	24	15
25																											
26					3	4	8	7	4	3	4	5	6	6	5	7	7	5	5	6	5	4	6	6	5.1	20	10
27	5	3	4				8	8	5	4	3	3	3			4	6	6	5	5	4	3	4	5	4.6	19	11
28	4	3	4		5	5	9	7	4	2	2	2	2	3	2	1	3	3	2	2	2	2	2	2	3.2	24	13
29*	2	2	1	4	1	1	2	4	3	1	2	2	3	2	2	2	1	2	2	3	2	2	1	2	1.9	22	6
30*	2	1	1	1	1	1	2	1	3	2	3	2	2	3	2	1	2	1	2	2	1	1	3	2	1.8	24	7
31	2	2	2	2	2	3	5	7	2	2	2	3	2	3	2	3	3	2	2	2	4	5	3	3	2.8	24	11
MEAN	5	4	4	3	4	5	7	7	5	4	4	4	4	5	4	4	5	4	5	5	5	5	6	5	4.7		
NO.	29	29	29	28	29	29	30	30	30	29	29	30	29	27	27	29	29	29	29	30	30	30	30	30		700	
MAX.	11	9	9	7	8	9	13	13	14	13	11	7	8	9	7	7	9	7	11	9	14	14	13	10	8.2		18

TABULATED WED., DEC. 4, 1968

* Indicates Saturday or Sunday
Local standard time used

Table 3-177.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	3	3	2	1	2	2	3	3	1	1	1	1	4	5	3	2	4	4	2	2	1	2	2	2	2.3	24	11
2	1	1	1	1	1	3	5		3	2	2	2	2	3	4	6	7	4	5	7	4	3	5	5	3.3	23	9
3	5	5	4	4	4	5	7	7	7				6	7	9	9	9	7	7	7	7	7	7	7	6.5	21	11
4	6	4	4	5	5	7	10	8	5	6	5	6	7	7	8	10	9	6	8	9	9	6	6	7	6.7	24	14
5*	7	6	6	5	5	9	10	12	12	14	11	13	15	17	18	15	7	8	8	6	7	6	6	5	9.4	24	24
6*	5	5	4	4	5	5	6	6	6	6	7	7	7	8	9	9	9	8	9	8	11	12	11	12	7.4	24	14
7	9	8	7	6	6	6	7	8	8	10	11	9	10	10	10	9	10	9	8	9	9	8	8	9	8.4	24	15
8	7	6	4	4	6	6	8	9	5	5	6	7	8	9	9	11	10	7	5	4	5	5	7	8	6.7	24	15
9	7	4	5	5	6	7	10	12	8	2	7	7	8	9	10	9	8	6	6	6	6	5	6	6	6.8	24	16
10																											
11									5	4	5	5	7	8	8	9	7	8	9	4	4	5	7	6	6.4	10	15
12*	6	5	4	4	4	4	7	7	7	4	5	5	4	5	5	6	7	6	7	7	6	6	3	3	5.2	24	13
13*	4	2	2	2	2	2	2	2	3	4	4	4	6	8	5	6	6	5	8	6	6	5	6	4	4.2	24	10
14	4	4	3	3	3	4	6	6	3	3	5	4	4	3	4	5	5	6	8	7	6	7	7	5	4.9	24	10
15	4	3	3	3	4	5	10	12	7	4	5	5	5	6	6	6	7	4	4	4	4	4	4	4	5.1	24	16
16	5	4	4	4	5	6	8	8	7	5	6	6	6	6	5	6	8	6	6	5	5	5	7	8	5.8	24	13
17	6	5	4	5	4	7	9	11	6	4	6	6	3	4	4	7	8	7	6	6	6	6	7	5	5.9	24	13
18	4	4	3	4	5	6	10	12	12	14	12	12	11	12	8	8	8	9	8	7	6	6	8	9	8.2	24	17
19*	8	5	5	6	4	5	5	7	7	5			5	4	4	5	6	6	7	7	5	6	5	5	5.5	22	10
20*	5	3	3	5	5	4	5	5	5	6	5	9	12	8	7	8	9	6	6	8	6	4	6	6	6.0	24	17
21	5	5	5	5	6	7	11	10	7	7	6	4	6	6	6	8	8	6	5	4	5	5	7	5	6.2	24	15
22	4	2	3	4	2	6	9	9	6	5	5	5	5	5	7	7	10	7	8	8	7	8	9	5	6.1	24	14
23	3	2	2	1	1	4	5	8	8	7	8	8	8	8	8	5	6	6	7	8	9	5	3	4	5.4	24	17
24	3	1	1	1	2	4	9	10	4	3	2	3	3	6	5	5	5	4	6	5	3	2	2	2	3.8	24	13
25	2	1	1	1	3	4	8	7	9	9	7	7	9	9	5	4	5	5	7	8	8	10	13	8	6.2	24	18
26*	9	10	7	9	11	12	10	12	10	8	8	6	7	6	4	4	6	6	6	5	5	6	6	6	7.7	24	18
27*	9	3	3	3	2	4	5	5	5	6	7	8	6	5	5	7	5	5	6	7	7	5	4		5.0	23	12
28										4	4	5	5	7	8		9	5	3	3	4	3	5	4	4.8	14	14
29	3	3	3	3	3	8	12	12	12	11	8	10	10	9	8	8	14	8	6	10	10	13	11		8.5	24	20
30	11	5	6	4	4	6	9	9	7	3	2	3	2	3	4	4	5	4	8	18	19	10	12		6.8	24	24
MEAN	5	4	4	4	4	6	8	8	7	6	6	6	7	7	7	7	7	6	6	6	6	6	6	6	6.1		
NO.	27	27	27	27	27	27	27	26	28	48	27	27	29	29	29	28	29	29	29	29	29	29	29	28		671	
MAX.	11	10	7	9	11	12	16	12	12	14	12	13	15	17	18	15	14	9	9	9	18	19	13	12	9.4		24

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-178.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CARBON MONOXIDE
OCT. 1964

CONCENTRATION IN PPM
INFRARED ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	14	6	4	3	2	2	6		6	6	6	6	5	6	6	8	4	3	3	2	1	3	2	2	3.6	19	13
2	2	2	4	2	3	3	7	8	3	2	1	1	1	1	1	1	15	9	6	6	8	5	3	5	5.6	24	23
3*	1	2	2	2	2	1	1	3	3	6	3	3	3	3	3	5	1	4	4	4	2	5	3	4	2.3	24	7
4*	3	2	2	4	6	1	3	1	4	1	1	2	1	1	2	2	4	3	5	4	4	3	4	1	3.4	24	13
5	1	1	1	1	1	1	4	3	2	1	1	2	1	1	2	2	4	3	2	2	3	4	7	11	2.5	24	12
6	14	12	13	13	13	13	18	18	9	3	3	3	2	1	2	1	4	4	8	8	3	4	3	3	7.2	24	21
7	6	9	11	12	12	14	16	15	8	4	3	2	2	3	3	3	5	4	5	6	5	6	11	11	7.3	24	17
8	15	13	12	13	14	15	18	19	11	8	5	2	2	4	5	3	2	1	5	3	4	4	9	8	8.0	24	22
9	17	16	15	14	12	8			14	13	8	6	8	8	7	5	8	5	5	7	5	7	4	4	9.0	22	20
10*	3	4	3	7	12	14	16	15	8	5	5	5	5	6	5	5	5	5	6	8	12	16	17	17	8.5	24	18
11*	17	16	16	16	17	17	18	19	17	12	9	8	10	11	9	10	9	9	10	14	17	23	23	21	14.4	24	26
12	21	22	22	20	21	22	22	19	16	9	7	8	8	10	7	6	7	7	7	7	8	8	6	7	12.3	24	28
13	10	10	10	10	13	15	18	18	12	10		3	4	5	5	5	8	11	14	15	15	10	12	17	10.8	23	28
14	11	9	10	9	15	18	26	25	11	6	5	5	5	8	5	5	7	9	16	27	24	21	22	20	13.1	24	33
15	21	18	12	12	12	16	21	27	15	11	8	8	8	8	5	6	7	5	9	3	5	7	6	4	10.3	24	33
16	9	10	11	16	14	17	19	30	17	13	9	7	7	6	7	10	12	7	5	5	4	5			10.6	24	36
17*	9	3	4	4	4	3	3	2	2	1	1	1	1	1	1	1	2	1	4	5	5	5	4	3	2.7	24	7
18*	2	1	0	1	1	1	2	3	3	4	3	4	4	4	4	4	3	5	7	9	11	8	8	6	4.0	24	13
19	9	5	4	5	6	9	17	14	9	4	3	2	4	1	1	3	4	2	2	1	1	1	2	2	4.2	24	22
20		4	6	2	9	11	15	17	12	7	8	8	9	8	8	7	10	15	15	8	12	10	13	11	9.9	23	20
21	13	13	14	13	14	15	17	19	18	11	5	4	3	4	4	2	3	3	2	3	5	6	6	8	8.4	24	23
22	8	7	10	11	12	13	15	14	13	4	3	3	2	3	1	0	2	1	1	0	1	5	7	9	5.9	24	17
23	8	7	8	8	8	9	9	12	11		3	2	2	1	2	2	8	5	5	6	11	12	11	12	7.1	23	16
24*	11	11	10	9	10	12	15	15	15	11	7	6	5	5	3	2	5	7	10	15	16	16	15	14	10.2	24	18
25*	14	13	13	12	13	14	12	12	12	13	9	7	7	7	7	7	6	8	8		8	8	7	8	9.7	23	15
26	7	6	8	10	11	12	13	17	22	13	6	6	6	5	6	6	5	11	12	10	10	10	10	12	9.6	24	24
27	16	14	15	13	11	12	16	30	37	41	17	14	10	5	6	7	5	9	12	7	5		8	7	12.9	23	41
28	12	19	13	10	12	8	9	12	12	13	14	11	6	7	7		6	7	6	6	5	7	6	7	9.3	23	21
29	9	8	6	5	4	3	5	8	7	5	7	5	5	6	6	6	6	9	8	7	5	8	7	7	6.5	24	12
30	7	5	5	3	3	3	4	5	5	5	5	6	5	6	6	7	9	13	11	11	12	9	9	9	6.7	24	17
31*	13	14	14	14	14	14	18	20	17	10	7	9	8	7	6	6	8	11	12	14	20	22	18	18	13.1	24	26
MEAN	9	9	9	9	10	10	13	15	11	8	6	5	5	5	5	5	6	6	7	7	8	8	9	9	8.1		
NO.	30	31	31	31	31	31	30	29	30	29	29	30	30	30	30	29	31	31	31	30	31	30	30	30		729	
MAX.	21	22	22	20	21	22	26	30	37	41	17	14	10	11	9	10	15	15	16	27	24	23	23	21	14.4		41

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-179.

HOURLY AVERAGES OF
GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	17	16	17	15	17	17	16	15	15	12	10	8	9	8	9	8	10	9	8	10	9	8	10	15	11.9	24	20
2	15	15	16	15	15	17	20	22	23	13	9	9	6	9	9	9	10	13	10	9	8	7	7	7	12.2	24	25
3	7	8	12	12	11	14	16	20	14	7	8	7	7	7	8	8		11	11	9	8	6	10	12	10.0	23	23
4	13	13	12	13	13	15	17	20	18	12	12	14	13	11	12	11	14	16	15	16	12	7	10	14	13.5	24	24
5	12	12	12	13	13	14	16	19	18	18	14	9	9	11	11	11	13	15	10	8	5	6	8	11	11.9	24	23
6	13	13	12	12	12	13	14	16	15	10	8	9	10	10	10	9	10	13	10	12	16	15	13	13	11.9	24	20
7*	13	12	12	13	12	12	13	14	14	11	9	11	12	11	11	10	11	10	11	12	12	12	13	31	12.6	24	43
8*	30	34	33	27	26	21	21	19	18	11	10	9	11	12	10	6	8	10	13	19	13	12	13	15	17.0	24	42
9	19	16	18	21	17	15	18	27	23	16	13	13	11	9	8			19	23	26	24	24	24	21	18.3	22	34
10	13	11	15	15	18	23	23	25	24	40	19	14	14	13	12	13	16	18	15	19	18	18	15	17	17.0	24	33
11	16	15	14	13	11	10	14	21	22	21	20	22	19	16	16	13	14	14	16	17	18	12	15	16	15.9	24	30
12	23	17	23	22	20	24	28	28	25	21	20	19	25	22	16	15	15	21	18	18	17	22	19	16	20.7	24	40
13	18	18	17	12	12	15	15	17	19	18	20		13	17	14	16	16	21	21	14	14	14	13	13	15.9	23	25
14*	13	12	12	12	11	11	15	16	15	13	12	12	10	11	12	12	12	14	15	14	26	23	22	30	14.8	24	36
15*	29	28	27	30	25	23	24	27	25	21	17	19	18	15	12	13	13	14	14	14	13	12	12	12	19.0	24	34
16	14	13	15	11	11	10	10	11	14	15	16	14	12	14	11	12	16	16	15	11	10	9	11	9	12.4	24	19
17	10	11	10	13	17	18	18	25			15	14	15	10	11	10	12	16			7	5	10	11	13.0	20	26
18	14	13	9	9	10	14	15	17				6	4	5	4	5	6	9	9	11	14	16	15	14	10.3	21	19
19	11	11	12	12	12	12	14	18	19	14	10	10	6	5	4	7	14	24	7	4	3	8	3	3	10.0	24	40
20	4	2	3	2	8	8	6	5	9	7	4	4	4	8	8	9	12	21	16	16	16	19	19	16	9.3	24	31
21*	14	13	14	12	12	13	13	15	13	13	12	7	7	5	4	12	17	19	20	25	23	22	22	19	14.4	24	27
22*	20	20	18	15	12	12	12			13	12	12	13	14	13	14	16	15	16	16	18	16	18	19	15.2	22	22
23	16	14	15	15	13	13	12	13	12	12	10	8	9	9	10	10	12	14	12	11	12	11	10	11	11.8	24	19
24	11	12	14	14		11	11	14	17	17	10	5	3	3	4	4	6	7	8	11	11	9	10	10	9.6	23	22
25	13	13	13	10	10	10	9	14	15			11	7	8	7	9	10	13	7	3	2	3	5	5	8.8	22	17
26	5	5	6	7	4	9	9	10	11	12	8	8	7	7	7	11	9	9	7	12	14	13	12	12	8.8	24	18
27	14	11	12	11	10					11	7	4	5	2	3	2	6	9	10	12	13	17	14	15	9.4	20	18
28*	14	13	11	10	10	11	10	12	11	12	11	7	5	4	3	4	7	8	5	6	8	4	0	4	7.9	24	15
29*	5	3	5	5	3	4	7	10	10	9	4	4	2	1	2	3	4	4	10	9	10	9	10	10	5.8	24	12
30	10	8	7	6	6	7	8	10	9	8	7	7	5					10	7	7	6	6	6	5	7.1	20	18
MEAN	14	13	14	13	13	14	15	17	17	14	12	10	10	9	9	9	11	14	12	13	13	12	12	13	12.6		
NO.	30	30	30	30	29	29	29	28	26	27	28	29	30	29	29	28	27	30	29	29	30	30	30	30		698	
MAX.	30	34	33	30	26	24	28	28	25	21	20	22	25	22	16	16	17	24	23	26	26	24	24	31	20.7		43

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 9, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-180.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
DEC. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	5	6	3	4	4	3	5	6	8	8	9	10	9	11	9	9	10	8	9	7	7	8	7	7	7.1	24	13
2	6	5	6	6	6	8	7	11	9	8	8	7	8	9	9	9	10	13	8	7	7	8	8	8	8.0	24	19
3	7	9	8	8	8	7	9	10	9	9	8	8	8	7	9	11	15	20	19	13	12	12	10	11	10.5	24	31
4	11	11	11	9	10	12	11	13	16	14	12	11	11	12	14	16	19	20	16	14	11	9	9	10	12.5	24	23
5*	9	9	9	8	7	7	6	8	9	8	7	7	7	8	10	9	8	8	11	10	10	11	11	9	8.5	24	13
6*	7	7	5	5	2	7	7	5	8	7	8	8	5	6	9	8	12	7	7	7	6	5	6	6	6.5	24	13
7	5	3	6	9	9	8		14	12	16	8	8	7	4	5	8	13	15	10	11	10	9	8	6	8.8	23	20
8																											
9																											
10																											
11																											
12*									20			16	19	6		9	12	25	19	22	34	26	22	21	19.0	15	39
13*	30	24	20	18	19	19	23	23	20	21	18	19	15	14	13	13	17	16	20	22	21	21	21	19	19.3	24	46
14	18	17	16	14	12	11	13	15			10	7			11	15	15	17	16	18	17	15	14	15	14.2	20	36
15	14	13	13	13	12	13	14	19	16	16	16	18	17	19	21	17	18	17	17	17	15	14	13	13	15.4	24	34
16	13	12	11	12	12	15	15	17	18	18	17	15	10	12	10	11	15	18	13	14	15	13	14	13	13.9	24	30
17	14	13	15	12	12	13	14	16	16	16	10	7	6	5	6	8	13	17	19	16	16	14	14	14	12.5	24	30
18	14	13	12	12	14	11	12	13	12	14	16	16	16	13	13	13	16	16	15	13	14	14	11	8	13.2	24	21
19*	8	8	8	10	10	6	7	8	8	9	9	11	11	12	12	11	11	9	10	9	8	8	9	9	9.2	24	16
20*	8	8	7	6	6	6	6	7	8	9	7	8	9	10	11	10	10	16	10	9	8	7	7	8	8.4	24	21
21	7	7	9	8	7	9	10	10	11	10	7	5	6	6	8	11		11	6	5	5	5	4	6	7.5	23	19
22	4	3	4	4	4	5	7	8	8	9	10	8	6	5	5	5	9	18	15	14	12	11	11	9	8.0	24	26
23	7	5	3	4	4	3	3	5	7	7	4	3	3	4	6	6	8	9	6	4	2	2	2	4	4.6	24	15
24	3	3	4	1	3	2	5	6	7	7	5	2	3	3	4	6	10	12	10	11	13	8	9	13	6.2	24	17
25	7	3	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	12	20	18	3.6	24	23
26*	7	1	1	1	1	1	1	1	1	1	1					4	5	6	6	8	9	8	7	9	3.9	20	19
27*	12	10	8	7	9	7	10	12	12	13	15	14	14	12	13	13	15	16	14	14	18	14	13	12	12.1	24	20
28	11	12	11	12	11	12	12	12	13	14	14	13	10	11	16	16	14	16	12	10	9	9	9	10	12.0	24	23
29	11	8	8	6	6	7	8	9	9	11	11	13	12	13	14	16	15	15	12	12	12	11	11	12	10.9	24	24
30	12	11	11	10	11	12	13	12	12	12	11	12	12	9	11	12	13	19	17	16	16	12	13	14	12.6	24	21
31	13	12	8	9	9	10	10	11	11	11	10	9	7	8	11	12	12	13	10	9	9	9	9	9	10.1	24	17
MEAN	10	9	8	8	8	8	9	10	11	11	10	10	9	9	10	10	12	14	12	12	12	11	11	11	10.2		
NO.	26	26	26	26	26	26	25	26	26	25	25	25	25	25	25	27	26	27	27	27	27	27	27	27		623	
MAX.	30	24	20	18	19	19	23	23	20	21	18	19	17	19	21	17	19	26	20	22	34	26	22	21	19.3		46

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 9, 1968

Table 3-181.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1																											
2																											
3	.13	.13	.12	.09	.06	.09	.10	.11	.14	.10	.09	.10	.08			.10	.13	.22	.19	.15	.14	.16	.20	.16	.125	22	.24
4*	.09	.03	.02	.02	.01	.02	.03	.04				.02	.02	.01		.02	.02	.03	.02	.03	.05	.03	.02	.03	.027	20	.14
5*	.02	.01	.01	.01	.02	.03	.04	.07	.08	.06	.04	.02	.02		.01	.02	.05	.07	.10	.14	.13	.14	.20	.18	.062	23	.22
6	.14	.12	.11	.08	.06	.06	.07	.07									.04	.06	.06	.05	.07	.06	.07	.06	.074	18	.16
7	.04	.03	.02	.02	.02	.02	.03	.07	.15	.14	.08	.05	.03	.03		.03	.05	.11	.10	.07	.07	.06	.07	.04	.058	23	.18
8	.04	.03	.03	.02	.02	.02	.04	.09	.15	.13	.11	.08	.05	.04		.03	.05	.09	.07	.08	.07	.07	.08	.09	.064	23	.17
9	.07	.05	.03	.03	.04	.06	.05	.09	.13	.14		.04	.03	.03		.04	.04	.05	.08	.07	.09	.06	.05	.04	.059	24	.15
10	.04	.03	.02	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01												.017	13	.05
11*																											
12*																											
13											.02	.01	.01	.01		.01	.01	.01	.00	.00	.00	.00	.00	.00	.006	19	.02
14	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01		.01	.01				.02	.02	.01	.04	.02	.01	.01	.010	20	.08
15	.01	.02	.01	.01	.01	.03	.04	.09	.08	.04		.03	.03			.02	.02	.04	.07	.09	.09	.07	.06	.05	.043	21	.12
16	.06	.06	.08	.07	.08	.09	.10	.16	.19	.13	.09	.06	.01	.01		.01	.02	.05	.08	.04	.06	.06	.06	.07	.069	23	.20
17	.09	.08	.08	.07	.10	.10	.15	.19	.10	.05	.04	.03	.02	.03		.02	.05	.11	.05	.03	.04	.05	.09	.09	.072	23	.24
18*	.07	.24	.12	.48	.50	.35	.31	.46	.50	.49	.37		.08	.08		.05	.06	.05	.08	.05	.06	.09	.06	.06	.209	22	.61
19*	.07	.08	.09	.18	.33	.32	.26	.18	.32	.36	.18	.06	.05	.05		.05	.04	.04	.05	.06	.07	.07	.03	.03	.129	23	.39
20	.02	.03	.03	.02	.01	.02	.02	.09	.05	.08	.09	.10		.10		.05	.10	.08	.05	.03	.03	.02	.01	.01	.045	24	.14
21	.01	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01		.02	.04	.06	.06	.08	.09	.08	.05	.05	.027	23	.10
22	.05	.02	.04	.02	.01	.01	.01	.05	.09	.03	.02	.02	.02							.17	.28	.40	.40	.59	.120	18	.61
23	.46	.38	.16	.16	.17	.21	.28	.33	.21	.18	.16	.12	.05	.03	.00										.192	15	.91
24																											
25*	.10	.07	.06	.04	.03	.03	.03	.02	.02	.01	.01	.01	.02	.02		.02	.02	.03	.02	.02	.03	.02	.02	.03	.029	23	.14
26*	.02	.02	.02	.02	.03	.03	.02	.04	.05	.05	.04	.03	.03	.02		.01	.01	.01	.01	.01	.02	.02	.02	.02	.024	23	.06
27	.02	.02	.02	.02	.02	.02	.03	.05	.08	.09	.06	.05	.03			.04	.05	.07	.06	.05	.08	.14	.13	.12	.056	24	.17
28	.11	.10	.09	.07	.07	.08	.07	.07	.07	.05	.04	.04	.02	.02			.03	.03	.02	.02	.01	.01	.01	.01	.046	22	.11
29	.01	.00	.00	.00	.00	.00	.01	.04	.05	.04	.03	.02	.03	.03		.03		.11	.09	.05	.07	.06	.07	.10	.038	24	.16
30	.11	.09	.10	.07	.03	.04	.06	.07	.11	.10	.06		.02	.02		.02	.03	.05	.09	.11	.09	.07	.06	.06	.065	24	.46
31	.05	.04	.03	.05	.08	.05	.06	.14	.14	.10	.05	.03	.03	.03			.03	.04	.05	.03	.06	.10	.08	.06	.058	24	.19
MEAN	.07	.07	.05	.06	.07	.07	.07	.10	.11	.10	.07	.04	.03	.03		.03	.04	.06	.06	.06	.07	.08	.08	.08	.086		
NO	25	25	25	25	25	25	25	25	23	23	22	22	24	19	2	19	21	23	23	24	24	24	24	24		541	
MAX	.46	.38	.16	.48	.50	.35	.31	.46	.50	.49	.37	.12	.08	.10	.01	.10	.13	.22	.19	.17	.28	.40	.40	.59	.209		.61

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-182.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

NITRIC OXIDE
FEB. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX.
1*	.04	.10	.10	.08	.07	.06	.07	.10	.12	.13	.11	.09	.04	.09		.02	.03	.04	.04	.03	.03	.03	.03	.02	.066	23	.15
2*	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00		.00		.00	.01	.01	.01	.01	.01	.01	.01	.01	.006	24	.03
3	.01	.01	.01	.01	.01	.01	.02	.03	.04						.01	.01	.02	.03	.02	.01	.01	.01	.01	.01	.015	19	.05
4	.01	.01	.00	.01	.01	.01	.01	.04	.04	.04	.02	.02	.01	.01							.04	.04	.06	.08	.026	18	.09
5	.07	.05	.04	.04	.06	.07	.04	.04	.03	.04	.02	.01	.01	.01				.06	.08	.11	.17	.19	.38	1.15	.126	21	1.35
6	.07	.35	.20	.13	.09	.08	.07	.10	.10	.08	.05	.04	.09	.08			.07	.09	.06	.06	.04	.02	.01	.01	.124	22	1.39
7	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03		.02	.02		.01	.02	.04	.05	.04	.06	.02	.03	.03	.025	22	.10
8*	.03	.01	.01	.01	.00	.01	.01	.02	.02	.02	.01	.01	.01	.01		.01	.01	.01	.01	.02	.02	.02	.02	.02	.013	23	.03
9*	.02	.01	.01	.01	.00	.00	.00	.01	.00	.00	.01			.01		.01	.02	.04	.05	.05	.05	.04	.04	.04	.019	21	.10
10	.03	.04	.05	.05	.06	.05	.06	.07	.08	.07	.06	.05	.03	.03				.06	.08	.06	.05	.06	.06	.05	.055	21	.10
11	.04	.05	.07	.06	.05	.03	.06	.08	.07	.05	.05	.03		.03		.02	.04	.04	.02	.02	.01	.01	.01	.01	.038	24	.08
12	.01	.01	.01	.01	.01	.01	.02	.06	.07	.05	.03	.04	.03	.02		.03	.05	.13	.08	.06	.07	.13	.17	.23	.057	23	.29
13	.16	.13	.14	.13	.12	.09	.18	.23	.26	.06	.02	.05	.04	.03				.11	.06	.06	.09	.11	.07	.08	.106	21	.31
14	.07	.06	.05	.04	.04	.04	.04	.06	.07	.06	.03	.02	.02	.02		.02	.04	.07	.07	.05	.08	.10	.06	.06	.050	23	.13
15*	.07	.04	.06	.04	.04	.04	.05	.26	.21	.04									.00	.00	.01	.02	.03	.02	.098	16	.36
16*	.02	.02	.03	.01	.01	.00	.00	.01	.02	.02	.02	.02	.02			.01	.01	.01	.01	.01	.02	.02	.02	.02	.015	22	.04
17	.02	.01	.01	.01	.01	.01	.02	.06	.06	.04	.04		.02	.02			.03	.05	.05	.05	.11	.10	.10	.33	.055	21	.46
18	.43	.07	.06	.04	.04	.04	.05	.05	.06	.06	.06	.03	.06	.06			.05	.06	.04	.04	.04	.03	.01	.01	.053	22	.46
19	.01	.00	.00	.00	.00	.00	.00	.01	.02	.02							.03	.04	.03	.03	.04	.03	.03	.02	.017	18	.05
20	.01	.00	.00	.00	.00	.00	.01	.03	.03	.03	.02	.03	.01	.01		.01	.01	.02	.02	.01	.00	.00	.00	.00	.009	23	.04
21	.00	.00	.00	.00	.00	.00	.00	.00	.00		.02	.02	.01	.01			.02	.03	.03	.02	.03	.02	.02	.02	.012	21	.03
22*	.02	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.02	.02	.02	.011	23	.02
23*	.02	.03	.03	.02	.02	.01	.01	.01	.00	.00	.00		.00	.00		.00	.00	.00	.01	.02	.03	.03	.02	.06	.016	21	.08
24	.09	.07	.06	.05	.08	.06	.06	.14	.13	.11	.12	.07	.02	.01		.02	.03	.04	.04	.03	.03	.04	.03	.04	.062	21	.17
25	.05	.04	.04	.03	.04	.03	.04	.06	.09	.09	.10	.05	.02	.01		.02	.03	.04	.03	.03	.03	.03	.05	.07	.043	23	.13
26	.19	.16	.15	.15	.24	.24	.20	.23	.16	.14	.10	.07	.04	.04		.04	.06	.07	.05	.06	.08	.04	.02	.02	.110	23	.30
27	.01	.01	.01	.00	.00	.01	.02	.04	.04	.03	.01	.01				.01	.02	.04	.04	.04	.07	.08	.07	.04	.028	21	.11
28	.04	.04	.04	.03	.04	.07	.11	.16	.18	.12	.04	.03	.02	.02		.03	.04	.05	.04	.03	.02	.01	.01	.01	.051	23	.21
29*	.01	.00	.00	.00	.00	.01	.01	.01	.01	.02	.01							.06	.08	.06	.04	.05	.05	.08	.019	19	.10
MEAN	.08	.05	.04	.03	.04	.03	.04	.07	.07	.05	.04	.03	.03	.03		.02	.03	.04	.04	.04	.04	.05	.05	.09	.045	614	
NO.	29	29	29	29	29	29	29	29	29	27	26	21	20	22	1	17	23	26	27	27	29	29	29	29			
MAX.	.97	.35	.20	.15	.24	.24	.20	.26	.26	.14	.12	.09	.09	.09	.01	.04	.07	.13	.08	.11	.17	.19	.38	1.15	.126		1.39

TABULATED WED., DEC. 4, 1968

* Indicates Saturday or Sunday
Local standard time used

Table 3-183.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	.07	.09	.10	.05	.05	.06	.05	.05	.05	.05	.05	.02	.02	.03		.02	.05	.07	.09	.08	.10	.08	.07	.13	.060	23	.14
2	.08	.07	.13	.08	.07	.08	.13	.18	.26	.22	.06	.02	.01				.00	.01	.02	.07	.02	.01	.00	.01	.073	21	.30
3	.00	.00	.00	.00	.02	.02	.04	.07	.10	.08				.04				.09	.04	.05	.14	.30	.30	.34	.088	18	.42
4	.17	.19	.21	.39	.45	.40	.47	.29	.17	.08	.05	.01	.01	.01		.02	.02	.03	.02	.03	.05	.05	.01	.02	.141	23	.53
5	.01	.01	.00	.01	.01	.01	.01	.01	.02	.01	.01		.00		.04	.04	.04	.05	.02	.01	.01	.02	.02	.02	.017	22	.07
6	.02	.01	.01	.01	.01	.01	.02	.05	.04	.03				.01			.02	.04	.05	.04	.17	.05	.08	.13	.042	19	.28
7*	.18	.09	.04	.02	.02	.02	.01	.01	.02	.01		.01	.01	.02		.02	.02	.05	.03	.04	.07	.07	.07	.10	.042	22	.21
8*																											
9										.11	.10	.08	.11	.11		.06	.08	.09	.08	.03	.02	.02	.03	.03	.067	14	.14
10	.06	.06	.06	.07	.14	.18	.13	.21	.28	.24	.19					.03	.05	.07	.04	.01	.01	.01	.01	.01	.094	20	.30
11	.01	.00	.00	.00	.00	.00	.01	.04	.03	.04	.02	.02				.02	.03	.05	.05	.07	.04	.04	.04	.06	.025	21	.09
12	.07	.03	.04	.07	.08	.07	.09	.16	.20	.08	.05	.04	.04	.06		.08	.14	.17	.14	.10	.08	.08	.07	.04	.085	23	.25
13																											
14*																											
15*																											
16	.05	.04	.03	.02	.02	.03	.05	.05	.02	.02	.01	.01	.01	.01		.01	.02	.02	.03	.04	.06	.11	.11	.13	.038	23	.15
17	.10	.09	.04	.06	.08	.07	.05	.09	.09	.07		.02	.01	.02		.04	.04	.06	.04	.03	.02	.03	.02	.01	.048	22	.15
18	.01	.00	.00	.00	.00	.00	.00	.02	.02			.00				.01	.01	.01	.00	.00	.01	.00	.00	.01	.006	19	.02
19	.00	.00	.00	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01		.01	.02	.03	.02	.03	.02	.03	.05	.03	.017	23	.06
20	.01	.01	.01	.01	.01	.01	.02	.04	.05	.03	.02	.01	.02	.01		.02	.03	.06	.04	.03	.03	.03	.02	.00	.022	23	.07
21*	.00	.01	.00	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02			.04	.01	.02	.02	.02	.01	.01	.01	.014	22	.05
22*	.00	.00	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.01	.00	.002	21	.01
23	.00	.00	.00	.00	.01	.01	.01	.03	.03	.02	.01		.01	.01			.02	.04	.04	.03	.01	.04	.08	.08	.022	21	.10
24	.14	.20	.12	.15	.13	.21	.21	.27	.16	.04	.01	.00	.00	.00		.01	.01	.01	.00	.00	.01	.01	.00	.01	.074	23	.33
25	.01	.00	.03	.05	.02	.04	.08	.11	.07	.03	.03	.04	.01	.00		.02	.01	.02	.01	.02	.01	.02	.01	.01	.028	23	.15
26	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.02	.01	.01				.02	.02	.00	.00	.00	.00	.00	.007	21	.03
27	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.01	.01	.01	.01		.01	.01	.02	.02	.03	.02	.05	.07	.09	.019	23	.11
28*	.08	.05	.03	.02	.03	.04	.03	.03	.02	.01	.01	.01	.00	.01			.01	.01	.01	.01	.01	.02	.03	.03	.022	22	.11
29*	.03	.01	.01	.02	.01	.01	.01	.02	.02	.01	.00	.01	.00	.00		.01	.01	.01	.01	.02	.03	.03	.02	.02	.012	23	.05
30	.01	.02	.00	.00	.01	.01	.02	.04	.06	.04			.01	.01		.00	.01	.01	.01	.00	.00	.01	.01	.00	.013	21	.07
31	.00	.00	.00	.00	.00	.00	.01	.02	.02	.01		.01	.00	.01		.02	.02	.02	.01	.01	.02	.06	.06	.03	.014	22	.07
MEAN	.05	.04	.03	.04	.04	.05	.06	.07	.07	.05	.03	.02	.02	.02		.02	.03	.04	.03	.03	.04	.04	.04	.05	.040		
NO	26	26	26	26	26	26	26	26	26	26	20	21	21	21	1	20	25	27	27	27	27	27	27	27		578	
MAX	.47	.20	.21	.39	.45	.40	.47	.29	.28	.24	.19	.08	.11	.11	.04	.08	.14	.17	.14	.10	.17	.30	.30	.34	.141		.53

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 9, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-184.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

NITRIC OXIDE
APRIL 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.05	.03	.01	.01	.01	.02	.02	.03	.04	.03	.01	.01	.00	.01		.02	.02	.03	.02	.03	.04	.08	.07	.08	.028	23	.15
2	.15	.09	.09	.09	.06	.04	.07	.12	.08	.01	.00	.00	.00	.00		.01	.01	.01	.00	.00	.01	.00	.00	.01	.037	23	.18
3																											
4*																											
5*	.03	.01	.02	.01	.00	.00	.01	.00	.01	.01	.02	.01				.00	.00	.00	.01	.02	.02	.01	.01	.01	.009	21	.04
6	.02	.01	.01	.02	.02	.04	.05	.04	.06	.03		.03	.04	.03		.06	.09	.15	.14	.11	.08	.07	.06	.05	.095	22	.18
7	.04	.04	.06	.05	.04	.04	.07	.10	.11	.09	.13		.08	.06			.11	.14	.14	.14	.22	.09	.08	.05	.091	21	.29
8	.03	.03	.06	.07	.09	.08	.10	.11	.18	.14	.12	.11	.05	.05			.06	.05	.04	.03	.02	.02	.02	.01	.086	22	.21
9	.01	.01	.00	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01		.01	.02	.03	.02	.02	.03	.04	.06	.06	.020	23	.07
10	.05	.02	.04	.02	.02	.02	.05	.08	.04	.04	.01	.01	.00	.00		.01	.01	.02	.02	.03	.08	.06	.06	.07	.032	23	.10
11*																											
12*																											
13																											
14	.00	.00	.00	.00	.00	.00	.00	.04	.03	.02	.02	.02	.01	.01		.02		.02	.01	.01	.01	.01	.01	.00	.010	22	.04
15	.00	.01	.01	.00	.00	.00	.01	.05	.05	.04	.05	.02	.00	.00	.01		.01	.08	.03	.02	.05	.05	.02	.02	.023	23	.13
16	.01	.01	.01	.01	.01	.01	.02	.04	.04	.03	.03	.02		.01			.01	.02	.01	.01	.03	.05	.08	.07	.025	21	.08
17	.04	.04	.05	.02	.01	.01	.02	.03	.04	.04	.02	.01	.01	.01		.01	.01	.02	.02	.03	.07	.07	.06	.08	.031	23	.08
18*	.08	.09	.08	.08	.08	.08	.08	.07	.06	.03	.02							.02	.02	.03	.03	.03	.03	.03	.052	18	.11
19*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.031	23	.04
20	.02	.02	.04	.02	.02	.02	.02	.03	.06	.05		.02	.02	.02		.02	.03	.03	.04	.03	.03	.02	.01	.01	.025	22	.07
21	.01	.01	.01	.01	.01	.01	.02	.04	.05	.05	.04	.03		.02		.02	.02	.03	.02	.01	.01	.01	.01	.01	.019	22	.06
22	.01	.01	.00	.00	.00	.00	.01	.02	.06	.05	.04	.02	.01	.01		.02	.02	.02	.03	.03	.02	.04	.04	.03	.021	23	.09
23	.03	.03	.03	.03	.02	.02	.03	.04	.03	.02	.02	.02	.02	.02	.01		.02	.03	.02	.02	.04	.06	.07	.06	.029	23	.09
24	.06	.06	.04	.03	.02	.02	.02	.04	.03	.03	.02	.01	.01			.01	.01	.01	.00	.00	.00	.00	.00	.01	.019	22	.07
25*																											
26*																											
27	.01	.01	.01	.01	.04	.03	.06	.04			.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	21	.07
28																											
29																											
30																											
MEAN	.03	.03	.03	.03	.02	.02	.03	.05	.05	.04	.03	.02	.02	.02			.03	.04	.03	.03	.04	.04	.03	.03	.032		
NO.	20	20	20	20	20	20	20	20	19	19	18	18	16	17	3	13	18	20	20	20	20	20	20	20		441	
MAX.	.15	.09	.09	.09	.09	.08	.10	.12	.18	.14	.13	.11	.08	.06	.03	.06	.11	.19	.14	.14	.22	.09	.08	.08	.091		.29

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-185.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

PHILADELPHIA, PA.

NITRIC OXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1																											
2*	.02	.01	.01	.01	.02	.02	.02	.04	.05	.05	.05			.03		.02	.02	.02	.04	.03	.02	.03	.02	.02	.026	21	.08
3*	.02	.02	.01	.01	.01	.02	.03	.02	.02	.02	.03	.02	.01	.01		.01	.01	.01	.01	.02	.02	.03	.03	.04	.018	23	.05
4	.03	.04	.04	.06	.05	.08	.12	.13	.10	.06	.04		.02	.01		.01	.01	.01	.00	.01	.01	.01	.01	.01	.038	22	.16
5	.02	.03	.03	.04	.04	.05	.09	.10	.11		.06	.03	.02	.03		.02	.02	.02	.01	.01	.02	.04	.03	.02	.038	22	.13
6	.02	.01	.01	.02	.02	.03	.08	.07	.05	.05	.04	.04															
7	.07	.05	.03	.02	.05	.06	.11	.12	.08	.02	.01	.01	.01	.02		.01	.02	.03	.05	.02	.02	.02	.02	.06	.034	19	.10
8	.05	.05	.06	.08	.08	.12	.19	.09	.04	.01	.01	.00	.00					.02	.01	.01	.03	.05	.06	.07	.040	23	.13
9*																									.059	13	.21
10*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.06	.05	.012	24	.11
11	.03	.03		.01	.01	.01	.04	.04	.02	.01	.01	.01	.01	.01		.00	.00	.01	.01	.01	.01	.02	.06	.04	.017	22	.08
12	.05	.06	.06	.04	.01	.03	.08	.10	.13	.10	.04		.01	.01		.02	.01	.01	.01	.01	.01	.01	.01	.01	.037	22	.18
13	.01	.00	.01	.01	.01	.04	.08	.09	.10	.11	.06	.04	.03	.04		.02	.01	.01	.01	.01	.04	.02	.04	.03	.034	23	.12
14	.02	.01	.02	.02	.02	.02	.05	.06	.04	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.01	.02	.02	.018	23	.07
15	.01	.02	.02	.01	.04	.03	.05	.10	.13	.06	.05	.04	.03	.02											.042	14	.15
16*																											
17*	.08	.07	.05	.02	.01	.01	.02	.04	.04	.01	.00	.01	.01	.01		.01	.01	.01	.01	.04	.07	.07	.04	.02	.029	23	.11
18	.07	.06	.03	.06	.12	.18	.13	.17	.06	.03	.01	.01	.01	.01		.01	.02	.01	.01	.06	.07	.19	.25	.64	.096	23	.68
19	.60	.57	.50	.45	.28	.14	.14	.13		.03	.02	.01	.01	.00		.01	.01	.01	.01	.06	.07	.01	.01	.01	.134	22	.63
20																											
21																											
22	.01	.01	.01	.01	.01	.03	.06	.07	.06	.05	.02	.02	.01	.01		.01	.01	.01	.01	.01	.02	.03	.06	.06	.026	23	.07
23*	.03	.02	.01	.01	.01	.02	.03	.02	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.03	.08	.012	23	.11
24*	.07	.05	.02	.02	.04	.05	.05	.02	.01		.00	.00	.00	.00		.00	.00	.00	.00	.01	.02	.03	.02	.03	.019	22	.10
25	.02	.00	.00	.00	.00	.00	.01	.02	.01		.00	.00	.00	.00		.00	.01	.00	.00	.00	.00	.00	.00	.00	.003	22	.04
26	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00		.00	.00	.00	.00	.01	.02	.03	.02	.02	.004	21	.04
27	.01	.01	.01	.01	.01	.03	.06	.02	.00	.00	.00	.00	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.008	23	.06
28	.00	.00	.00	.00	.00	.03	.04	.03	.04	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.02	.05	.03	.015	22	.07
29	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.011	23	.03
30*	.02	.01	.01	.00	.00	.01	.01	.01	.01	.01	.00	.01	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.03
31*	.00	.00	.02	.02	.03	.02	.02	.01	.01	.01	.02	.05	.01	.01		.00	.01	.01	.01	.01	.02	.01	.02	.01	.014	23	.06
MEAN	.05	.04	.04	.04	.03	.04	.06	.06	.05	.03	.02	.01	.01	.01		.01	.01	.01	.01	.01	.02	.03	.04	.05	.030		
NO.	26	26	25	26	26	26	26	26	24	22	26	23	24	23	1	23	23	24	24	24	24	24	24	24		564	
MAX.	.60	.57	.50	.45	.28	.18	.19	.17	.13	.11	.06	.05	.03	.04	.01	.02	.02	.03	.05	.06	.07	.19	.25	.64	.134		.68

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-186.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

PHILADELPHIA, PA.

NITRIC OXIDE
JUNE 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.02	.02	.01	.02	.05	.09	.14	.22	.12		.06	.03	.01	.02		.02	.01	.01	.02	.04	.02	.03	.03	.03	.046	22	.31
2	.06	.03	.04	.01	.01	.02	.04	.05		.03	.03	.03	.01	.02		.01	.02	.02	.01	.01	.01	.00	.01	.03	.021	22	.07
3	.03	.02	.03	.02	.03	.04	.07	.09	.03	.01	.01	.00	.00	.00		.01	.02	.01	.01	.01	.01	.02	.01	.02	.022	23	.10
4	.01	.02	.01	.01	.01	.03	.04	.03	.01	.01					.01	.01	.01	.01	.01	.02	.09	.21	.23	.12	.045	20	.31
5	.01	.01	.01	.01	.01	.02	.04	.05	.05	.02	.02	.02	.01			.00	.01	.00	.00	.01	.02	.01	.00	.00	.015	22	.06
6*	.00	.00	.00	.01	.01	.00	.01	.01	.01	.01	.00	.01	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.02
7*	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	23	.01
8	.01	.01	.01	.01	.01	.01	.06	.11	.03	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.03	.02	.019	23	.13
9	.01	.01	.02	.06	.07	.10	.10	.10	.11	.04		.01	.01	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.030	22	.14
10	.00	.00	.00	.00	.01	.03	.05	.08	.06	.02	.01	.00	.00	.00		.01	.00	.00	.01	.01	.01	.01	.01	.02	.015	23	.09
11	.01	.00	.00	.00	.01	.01	.04	.03	.02	.02	.02	.01	.01	.01		.02	.02	.01	.01	.03	.04	.03	.08	.07	.021	23	.09
12	.07	.06	.04	.03	.09	.06	.10	.14	.09	.02	.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.03	.03	.035	23	.20
13*	.02	.01	.01	.01	.01	.01	.02	.04	.03	.01	.01	.01	.01												.014	13	.04
14*																	.01	.01	.03	.02	.05	.04	.01	.01	.025	22	.11
15	.03	.02	.01	.01	.01	.03	.08	.09	.06	.04	.02	.01	.01	.01													
16	.01	.01	.01	.01	.01	.01	.02	.03	.04		.01	.01	.01	.01			.02	.01	.01	.01	.01	.02	.03	.02	.014	21	.03
17	.03	.02	.01	.01	.01	.02	.04	.04	.03	.02	.01	.01	.01	.01											.019	19	.05
18																											
19	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.02	.04	.02	.03		.01	.02	.01	.02	.05	.06	.03	.06	.06	.020	23	.12
20*	.01	.02	.04	.01	.03	.04	.03	.07	.03	.02	.03	.03	.02	.01		.00	.00	.00	.00	.00	.00	.01	.03	.01	.017	23	.11
21*	.02	.02	.00	.00	.01	.01	.03	.01	.00	.00	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.005	23	.04
22	.00	.00	.00	.00	.00	.00	.00	.00					.01	.02		.01	.01	.01	.01	.01	.01	.01	.01	.01	.006	19	.04
23	.00	.00	.01	.01	.00	.01	.01	.02	.03	.01	.01	.01	.01	.00		.03	.02	.01	.01	.00	.00	.00	.01	.01	.009	23	.04
24	.00	.00	.00	.01	.01	.01	.01	.02	.01	.02	.01	.01	.01	.01		.02	.05	.05	.02	.02	.01	.03	.02	.01	.014	23	.08
25	.01	.01	.01	.01	.01	.02	.03	.02	.02	.02	.01	.01	.01	.01			.02	.01	.00	.01	.03	.06	.12	.10	.025	22	.15
26	.09	.02	.02	.03	.11	.14	.11	.09	.03	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.027	23	.15
27*	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.01
28*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.02	.03	.01	.01	.003	23	.04
29	.01	.01	.04	.02	.03	.05	.06	.03	.06	.06	.02	.01	.00	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.017	23	.08
30	.00	.00	.01	.02	.05	.04	.03	.01	.00	.00	.00		.03	.03			.02	.02	.01	.01	.01	.01	.01	.01	.015	21	.07
MEAN	.02	.01	.01	.01	.02	.03	.04	.05	.03	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.02	.03	.02	.018		
NO.	28	28	28	28	28	28	28	28	25	24	25	25	27	25	1	22	26	26	26	26	26	26	26	26		606	
MAX.	.09	.06	.03	.06	.11	.14	.14	.22	.12	.06	.06	.04	.03	.03	.01	.03	.05	.05	.03	.05	.09	.21	.25	.12	.046		.31

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-187.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	.01	.01	.01	.01	.01	.01	.02	.01				.00	.00	.00		.00	.00	.00	.00	.00	.01	.00	.00	.00	.005	20	.02
2	.01	.01	.00	.01	.01	.02	.02	.04	.01	.01	.01		.01	.00		.01	.01	.00	.00	.00	.00	.02	.02	.03	.010	22	.05
3	.04	.03	.01	.00	.01	.03	.06	.03	.01	.00	.00	.00		.00		.00	.00	.00	.02	.00	.00	.01	.00	.00	.011	22	.06
4*	.00	.00	.00	.01	.03	.02	.01	.01	.00	.00	.00	.01	.01	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.04
5*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00		.00	.00	.00	.01	.01	.02	.03	.02	.03	.006	22	.04
6	.03	.04	.03	.03	.04	.08	.05	.04		.01	.02	.02	.02	.01		.02	.02	.01	.02	.02	.05	.09	.08	.08	.035	22	.11
7	.06	.07	.04	.08	.09	.07	.11	.08				.01	.01	.00		.00	.01	.01	.01	.01	.01	.01	.01	.01	.035	20	.14
8	.01	.01	.01	.01	.02	.02	.03				.02	.04	.03	.02		.02	.02	.02	.02	.05	.04	.03	.02	.01	.022	20	.06
9	.01	.01	.01	.01	.00	.02	.07	.05	.03	.03	.02	.01	.01	.01					.01	.02	.01	.01	.03	.03	.020	20	.09
10	.02	.01	.03	.02	.02	.04	.06	.03	.01	.01	.01	.00	.00	.00		.00						.04	.04	.03	.020	18	.07
11*	.02	.05	.07	.12	.05	.05	.08	.08	.07		.04	.01	.01	.01		.01	.00	.00	.00	.01	.00	.00	.03	.06	.035	22	.15
12*	.04	.05	.02	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00		.00	.00	.01	.01	.01	.01	.01	.02	.02	.010	22	.08
13	.02	.02	.02	.02	.02	.02	.04	.06	.04	.03		.00	.00	.00		.00	.01	.02	.02	.03	.05	.05	.05	.06	.027	22	.09
14	.04	.02	.02	.02	.01	.04	.05	.08	.06	.03	.01	.01	.00	.00		.00	.01	.01	.00	.00	.00	.00	.00	.00	.018	23	.09
15	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00		.00		.00	.00		.02	.02	.03	.04	.04	.04	.011	21	.06
16	.04	.03	.04	.02	.02	.02	.05	.04		.03	.02	.01					.00	.00	.00	.00	.00	.00	.00	.00	.015	19	.06
17	.00	.00	.00	.02	.01	.04	.05	.05		.01	.00	.00	.00	.00		.01	.01	.00		.01	.00	.00	.01	.01	.010	21	.06
18*	.03	.04	.04	.03	.04	.04	.06	.07	.05	.02	.01	.01	.01	.01		.00	.00	.00	.00	.00	.00	.00	.02	.03	.023	23	.08
19*	.06	.08	.06	.02	.01	.01	.01	.01	.01	.00	.01		.01	.01		.01	.01	.02	.03	.02	.01	.06	.10	.06	.027	22	.14
20	.02	.03	.02	.02	.03	.08	.10	.09	.04	.01						.00	.00	.00	.00	.00	.00	.02	.04	.03	.029	19	.12
21	.01	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.00	.00	.00		.00	.01	.01	.00	.00	.01	.01	.01	.01	.006	23	.03
22	.01	.01	.01	.01	.01	.01	.01	.03	.02	.02	.02	.01	.01	.01			.01	.01	.01	.01	.01	.01	.00	.01	.012	22	.04
23	.01	.00	.00	.00	.00	.01	.03	.04	.03	.04	.04		.02	.02		.01	.01	.01	.01	.01	.01	.01	.01	.02	.014	22	.07
24	.01	.01	.01	.01	.01	.01	.04	.05	.06	.04	.03	.03	.03									.03	.02		.026	15	.07
25*	.02	.01	.01	.01	.00	.01	.02	.02	.02	.03	.03	.02			.00	.01						.00	.01	.01	.013	17	.04
26*	.01	.00	.00	.00	.01	.01						.01	.01				.02	.02	.02	.03	.01	.01	.02	.05	.014	16	.05
27	.05	.04	.05	.06	.07	.08	.07	.04	.03	.02	.01	.01	.01	.00		.01	.02	.01	.01	.01	.01	.01	.01	.01	.027	23	.10
28	.02	.03	.04	.03	.02	.05	.06	.06	.03	.03	.09	.03							.00	.00	.00	.00	.00	.02	.029	18	.16
29	.06	.01	.01	.02	.02	.01	.02	.03			.02	.00	.00	.00				.00	.01	.01	.00	.00	.00	.00	.011	19	.07
30	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.02	.01	.01	.00	.003	23	.03
31																											
MEAN	.02	.02	.02	.02	.04	.03	.04	.04	.02	.02	.02	.01	.01	.01		.00	.01	.01	.01	.01	.01	.02	.02	.02	.017		
NO.	30	30	30	30	30	30	29	28	22	24	24	25	24	24	1	23	24	24	26	27	27	29	30	30		621	
MAX.	.06	.08	.07	.12	.09	.08	.11	.09	.07	.04	.09	.04	.03	.02	.00	.02	.02	.02	.03	.05	.05	.09	.10	.08	.035		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-188.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

NITRIC OXIDE
AUG. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*																											
2*																											
3	.01	.01	.00	.00	.00	.01	.02	.04	.05	.06	.03	.04	.03	.03		.02	.03	.02	.01	.01	.01	.01	.01	.01	.018	23	.08
4	.02	.02	.02	.02	.02	.03	.04	.05	.04	.03							.00	.00	.00	.00	.00	.00	.00	.00	.015	18	.06
5	.00	.02	.04	.02	.01	.01	.04	.02	.01	.01	.00	.00	.01	.00		.01	.02	.02	.01	.02	.03	.01	.03	.05	.017	23	.05
6	.06	.05	.01	.01	.01	.01	.03	.04	.03	.03	.02	.02	.02	.01		.01	.02	.01	.01	.03	.08	.10	.02	.01	.028	23	.13
7	.02	.02	.06	.07	.10	.10	.11	.11	.06	.03	.02	.00	.00	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.030	23	.13
8*	.00	.00	.00	.00	.00	.00	.01	.02	.01	.00	.00			.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	21	.03
9*	.01	.02	.01	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.01		.01	.01	.01	.01	.01	.04	.06	.10	.09	.018	23	.11
10	.07	.04	.06	.07	.10	.13	.24	.29	.12	.09	.02	.02				.01	.01	.01	.01	.01	.01	.01	.01	.01	.063	21	.31
11	.00	.00	.00	.01	.01	.02	.07	.05	.01	.01	.01	.01	.01	.00		.00	.00	.00	.00	.01	.00	.01	.01	.00	.010	23	.10
12	.00	.00	.00	.00	.00	.00	.01	.04	.04	.04	.01	.00	.00	.00						.02	.02	.02	.02	.02	.011	19	.06
13	.01	.01	.01	.01	.02	.03	.05	.06	.03	.02	.02	.02	.02	.01			.02	.01	.01	.02	.02	.02	.03	.02	.021	22	.07
14	.02	.01	.01	.01	.01	.03	.04	.04	.02	.02	.01	.01	.01	.01			.02	.02	.03	.01	.03	.04	.06	.09	.024	22	.10
15*	.11	.09	.08	.08	.05	.03	.04	.03	.02	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.04	.030	23	.11
16*	.02	.03	.03	.02	.01	.02	.05	.02	.01	.01	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.010	23	.05
17	.00	.00	.00	.00	.01	.02	.04	.07	.05	.02	.02	.02				.00	.01	.00	.00	.00	.00	.03	.04	.04	.020	21	.09
18	.01	.00	.00	.01	.00	.01	.03	.04	.03	.01	.01	.00	.00	.00		.00	.01	.01	.02	.02	.02	.02	.01	.02	.011	23	.05
19	.01	.00	.00	.00	.00	.02	.03	.03		.01	.00						.00	.00	.00	.00		.04	.03	.04	.012	17	.05
20	.05	.06	.05	.03	.03	.04	.09	.08	.05	.02	.01	.01	.01												.038	13	.11
21																											
22*	.00	.00	.00	.00	.01	.01	.02	.05	.03	.02	.03	.02	.01	.01		.01	.01	.01	.01	.00	.00	.00	.00	.00	.010	14	.04
23*	.00	.00	.00	.01	.01	.01	.01	.03	.04	.02	.01	.00	.00	.00		.00	.01	.00	.00	.01	.01	.00	.00	.00	.008	23	.06
24	.02	.01	.01	.01	.02	.05	.15	.10	.04	.02	.01	.00	.00	.00		.00	.00	.00	.01	.02	.01	.01	.02	.02	.010	23	.04
25	.04	.07	.08	.05	.04	.05	.07	.08		.05	.01	.00	.00	.00	.00	.01	.02	.02	.02	.02	.03	.03	.03	.03	.026	21	.19
																									.033	23	.10
26																		.01	.01	.02	.02	.01	.01	.02	.021	19	.09
27	.01	.01	.01	.00	.01	.05	.08	.06	.05	.02	.01	.01					.02	.02	.03	.03					.041	13	.13
28	.01	.01	.03	.03	.04	.08	.13	.11						.00													
29*																											
30*	.07	.05	.05	.08	.06	.06	.07	.08		.02	.02	.01	.01	.01		.00	.00	.00	.00	.01	.01	.00	.03	.02	.030	24	.10
31	.03	.02	.01	.01	.02	.03	.04	.06	.07	.05	.04	.02	.01	.01		.01	.02	.01	.01	.02	.05	.06	.06	.08	.031	23	.10
MEAN	.02	.02	.02	.02	.02	.03	.06	.06	.04	.02	.01	.01	.01	.01	1	.01	.01	.01	.01	.01	.02	.02	.02	.03	.022		
NO.	26	26	26	26	26	26	26	26	22	26	25	23	20	20	1	19	24	25	25	26	23	25	25	25		966	
MAX.	.11	.09	.08	.08	.10	.13	.24	.29	.12	.09	.04	.04	.03	.03	.00	.02	.03	.02	.03	.03	.08	.10	.10	.09	.063		.31

TABULATED WED., DEC. 4, 1968

* Indicates Saturday or Sunday
Local standard time used

Table 3-189.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	.03	.02	.01	.01	.01	.01	.03	.05	.03	.03	.03	.02	.01	.02			.03	.02	.02	.02	.01	.02	.01	.01	.020	24	.05
2	.01	.00	.00	.00	.00	.01	.02	.03	.03	.02	.02	.01	.01	.01		.01	.02	.02	.03	.07	.05	.01	.01	.02	.017	23	.10
3	.04	.07	.04	.04	.04	.04	.06	.07	.05	.03	.01	.00	.00	.01				.00	.01	.02	.03	.04	.06	.08	.034	21	.11
4	.10	.04	.01	.02	.03	.05	.12	.10	.05	.02							.00	.02	.03	.09	.15	.09	.09	.10	.062	18	.18
5*	.14	.08	.09	.04	.03	.01	.02	.02	.01	.01	.01	.02	.01			.00	.02	.02	.03	.04	.04	.04	.05	.05	.035	24	.16
6*	.03	.01	.01	.01	.01	.01	.03	.03	.01	.01	.01	.01	.00			.00	.01	.01	.03	.04	.08	.17	.18	.18	.040	24	.30
7	.40	.18	.11	.10	.08	.06	.05	.06	.05	.05	.03	.01	.00	.00		.00	.00	.00	.00	.00	.02	.02	.01	.01	.044	23	.33
8	.00	.01	.00	.00	.01	.01	.03	.05	.02	.01	.01	.01				.00	.00	.00	.00	.00	.00	.00	.01	.03	.010	21	.06
9	.06	.05	.04	.02	.01	.01	.04	.05	.04	.02	.00	.00	.00			.00	.01	.01	.01	.01	.01	.00	.00	.00	.017	24	.07
10	.02	.05	.02	.03	.04	.04	.06	.09	.08	.04	.02	.01	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.022	23	.10
11	.01	.00	.00	.01	.01	.03	.07	.06	.05	.04	.04	.02	.01				.02	.03	.02	.03	.01	.01	.01	.01	.023	21	.09
12*	.02	.02	.02	.01	.01	.01	.03	.04	.04	.03	.03	.03	.03	.03	.02				.02	.03	.02	.02	.02	.03	.024	21	.08
13*	.04	.03	.02	.03	.03	.02	.03	.02	.02	.03			.04	.05			.03	.02	.04	.03	.03	.03	.02	.02	.029	20	.07
14	.02	.02	.01	.01	.01	.01	.03	.04	.05	.03	.03	.04	.03	.03		.02	.01	.01	.02	.03	.03	.03	.03	.01	.023	23	.10
15	.01	.01	.01	.01	.04	.05	.08	.11	.06	.02	.02	.01	.01	.01		.01	.02	.01	.01	.01	.01	.01	.01	.01	.024	23	.11
16	.00	.00	.00	.00	.00	.02	.05	.07	.05	.04							.01	.01	.00	.00	.00	.00	.00	.00	.013	18	.09
17	.00	.00	.01	.01	.01	.01	.02	.04	.04	.04				.01	.01	.01	.02	.02	.03	.05	.06	.07	.08	.08	.029	21	.10
18	.04	.03	.02	.02	.02	.02	.04	.09	.12	.05	.02	.01	.01	.01	.02	.01	.01	.02	.02	.07	.05	.05	.05	.05	.035	24	.13
19*	.06	.03	.01		.00	.00	.01	.01	.02	.01				.02	.02	.02	.02	.01	.01	.01	.02	.03	.02	.02	.018	20	.07
20*	.01	.01	.01	.01	.02	.03	.02	.03	.03	.03	.03	.03	.05	.04	.03		.04	.02	.02	.04	.04	.03	.04	.04	.027	23	.05
21	.03	.02	.01	.02	.03	.04	.07	.08	.04	.04	.03	.02	.02	.02		.03	.05	.03	.04	.03	.04	.05	.04	.03	.035	23	.09
22	.03	.03	.02	.02	.02	.02	.04	.05	.05	.04	.03	.03	.03	.02			.03	.02	.02	.03	.04	.04	.03	.02	.029	22	.06
23	.01	.01	.01	.01	.01	.01	.02	.04	.03	.01	.01	.01	.01				.01	.00	.00	.00	.00	.00	.00	.00	.009	21	.05
24	.00											.02	.03	.02	.02	.02	.03	.02	.02	.02	.03	.02	.03	.02	.021	14	.03
25	.02	.02	.02	.02	.02	.02	.04	.05	.03	.02	.02	.02			.03	.04	.05	.04	.07	.08	.09	.15	.18	.14	.052	24	.21
26*																											
27*																											
28	.02	.01	.01	.01	.01	.01	.04	.08	.05	.03	.04	.05	.05	.07			.12	.07	.06	.06	.06	.06	.06	.05	.047	22	.14
29	.04	.04	.02	.02	.02	.05	.09	.13	.16	.16	.16	.17	.16	.16		.10	.11	.08	.07	.08	.13	.12	.14	.14	.101	23	.19
30	.11	.07	.04	.04	.05	.07	.09	.14	.13	.07	.04	.03	.03	.04		.05	.05	.04	.06	.09	.22	.43	.23	.21	.099	23	.46
MEAN	.04	.03	.02	.02	.02	.02	.04	.06	.05	.03	.03	.02	.03	.03		.02	.03	.02	.02	.03	.05	.05	.05	.05	.034		
NO.	24	27	27	26	27	27	27	27	27	27	22	23	22	19	7	17	26	27	28	28	28	28	28	28		601	
MAX.	.40	.18	.11	.10	.08	.07	.12	.13	.16	.16	.16	.17	.16	.16	.03	.10	.12	.08	.07	.09	.22	.43	.23	.21	.101		.46

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-190.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

NITRIC OXIDE
OCT. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.31	.19	.11	.09	.09	.04	.07	.13	.09	.06	.04	.01	.01	.01		.09	.03	.02	.02	.02	.02	.02	.02	.03	.063	22	.33
2	.04	.04	.05	.05	.05	.07	.09	.12	.12		.11	.07	.07	.08		.00	.12	.11	.08	.10	.09	.07	.03	.04	.075	22	.14
3*	.06	.03	.01	.01	.01	.01	.02	.03	.04	.02	.02	.01	.01	.01			.01	.01	.02	.04	.06	.05	.06	.10	.026	23	.12
4*	.12	.10	.08	.04	.03	.02	.02	.09	.05	.02	.02	.04	.11	.09			.11	.07	.06	.06	.07	.06	.05	.03	.058	22	.17
5	.03	.02	.02	.02	.02	.02	.04	.05	.04	.03	.03	.03	.03	.03			.03	.04	.04	.04	.06	.05	.04	.06	.035	22	.07
6	.06	.06	.04	.04	.04	.05	.10	.14	.08	.04	.03	.02	.02	.02		.03	.03	.04	.11	.17	.09	.05	.04	.04	.057	23	.19
7	.02	.02	.01	.01	.01	.02	.05	.05	.09	.03	.02	.02	.02	.02		.02	.03	.03	.03	.10	.04	.06	.07	.07	.034	23	.15
8	.03	.02	.01	.01	.02	.03	.06	.09	.07	.08	.10	.09	.04	.04			.04	.03	.03	.03	.02	.05	.03	.04	.043	22	.13
9	.17	.21	.09	.08	.10	.15	.20	.31	.23	.12	.05	.02	.02	.02		.02	.02	.02	.02	.02	.05	.06	.04	.03	.088	23	.32
10*	.03	.02	.01	.01	.02	.02	.03	.05	.09	.03	.03	.02	.02	.02			.02	.02	.02	.03	.02	.01	.01	.01	.022	22	.05
11*	.01	.01	.01	.01	.00	.01	.01	.01	.01		.03	.02	.02	.02		.02	.02	.02	.03	.05	.07	.12	.19	.11	.036	22	.20
12	.13	.25	.21	.20	.15	.19	.18	.14	.19	.09	.09	.06	.04	.02			.02	.02	.03	.05	.07	.09	.08	.08	.105	22	.27
13	.07	.07	.05	.05	.05	.09	.11	.16	.12	.08	.06	.03	.02	.01			.01	.02	.12	.20	.20	.10	.11	.27	.090	22	.38
14	.17	.21	.15	.15	.15	.20	.22	.26	.16	.05	.02	.02	.01	.00		.03	.03	.05	.19	.48	.44	.44	.48	.43	.187	23	.59
15	.33	.50	.39	.31	.25	.34	.41	.44	.30	.23	.11	.05	.05	.02		.02	.02	.01	.00	.00	.00	.02	.04	.02	.175	23	.57
16	.05	.08	.12	.15	.17	.19	.20	.23	.17	.17	.10	.05	.05	.06			.03	.03	.03	.03	.03	.02	.02	.02	.089	22	.26
17*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02					.03	.02	.02	.01	.01	.01	.01	.01	.017	20	.04
18*	.01	.01	.01	.02	.01	.02	.03	.04	.03	.03		.00	.01	.01	.01	.01	.02	.03	.04	.05	.08	.07	.07	.06	.029	23	.11
19	.06	.07	.10	.08	.10	.12	.28	.30	.14	.08	.08	.07	.07	.05	.05		.06	.05	.04	.05	.05	.05	.05	.05	.089	23	.40
20	.05	.04	.06	.04	.06	.07	.10	.19	.15	.12	.10	.09	.10	.11			.07	.05	.02	.02	.01	.03	.02	.02	.067	22	.16
21										.04	.04	.03	.02	.03			.04	.06	.05	.03	.03	.04	.04	.04	.037	15	.07
22										.07	.06	.03	.02	.03			.05	.05	.04	.08	.10	.09	.05	.04	.056	22	.18
23	.04	.05	.03	.03	.02	.06	.09	.14	.10	.04	.03	.02	.02	.02	.01		.02	.02	.05	.08	.10	.11	.10	.09	.058	23	.18
24*	.03	.04	.04	.05	.05	.07	.14	.14	.10	.03	.01		.00	.00		.00	.01	.01	.03	.04	.07	.05	.09	.08	.039	22	.21
25*	.11	.09	.07	.09	.13	.17	.08	.09	.05	.03																	
26											.16	.10	.06	.06	.06		.04	.08	.10	.09	.09	.11	.08	.09	.085	15	.17
27											.09	.04	.02	.01		.01	.02	.02	.02	.02		.05	.02	.02	.115	22	.46
28	.14	.37	.35	.22	.28	.19	.16	.17	.17	.15		.04	.02	.02		.02	.07	.09	.15	.11	.09	.09	.09	.12	.060	20	.18
29	.02	.01	.01			.00	.01	.03	.10	.14		.04	.02	.02					.08	.13	.15	.13	.10	.08	.069	20	.18
30	.12	.10	.11	.07	.04	.03	.03	.04	.05	.04	.03	.03	.03	.02													
31*	.08	.06	.03	.02	.01	.02	.05	.08	.09	.04	.01	.01	.01	.01		.02	.03	.09	.14	.14	.26	.38	.20	.12	.082	23	.41
MEAN	.09	.10	.08	.07	.07	.08	.10	.13	.10	.07	.05	.04	.03	.03			.04	.04	.06	.08	.08	.09	.08	.07	.070		
NO	27	27	27	26	26	27	27	27	27	26	27	28	28	28	4	13	28	28	29	29	28	29	29	29		624	
MAX.	.33	.50	.39	.31	.28	.34	.41	.44	.30	.23	.16	.10	.11	.11	.06	.09	.12	.11	.19	.48	.44	.44	.46	.43	.187		.59

TABULATED WED., DEC. 4, 1968

* Indicates Saturday or Sunday
Local standard time used

Table 3-191.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	.14	.10	.13	.12	.15	.17	.12	.09	.08	.07	.05	.03	.02	.02				.03	.03	.05	.07	.07	.07	.14	.082	21	.20
2	.16	.16	.19	.12	.11	.18	.25	.26	.25	.17	.08	.10	.10	.05		.03	.05	.08	.07	.05	.07	.06	.06	.07	.117	23	.31
3	.07	.04	.07	.09	.09	.08	.11	.19	.21	.11	.09	.08		.05		.05	.05	.07	.10	.09	.10	.06	.07	.08	.089	22	.23
4	.07	.07	.04	.06	.05	.06	.11	.12	.12	.07	.05	.05	.07			.06	.09	.10	.10	.10	.13	.04	.02	.08	.074	22	.18
5	.10	.12	.05	.07	.09	.10	.12	.16	.18	.22	.16	.10	.08	.06		.05	.09	.11	.07	.05	.03				.101	20	.27
6											.03	.03	.02	.02	.02	.03	.05	.07	.06	.04	.05	.05	.04	.05	.038	19	.08
7*	.04	.03	.04	.06	.05	.06	.06	.11	.09	.07	.04	.03	.03	.02			.02	.03	.04	.06	.08	.12	.09	.31	.067	22	.56
8*	.78	.79	.68	.56	.42	.31	.27	.21	.16	.06	.03	.02	.02	.02		.02	.02	.04	.15	.28	.22	.17	.08	.08	.234	23	.87
9	.08	.07	.05	.05	.04	.03	.05	.14	.14	.08	.05	.04	.03	.01		.03	.06	.12	.19	.28	.32	.39	.37	.29	.126	23	.45
10	.08	.04	.07	.11	.11	.10	.12	.15	.16	.11	.07	.02	.01	.01		.01	.02	.05	.07	.10	.08	.10	.05	.04	.072	23	.20
11	.06	.05	.09	.07	.07	.07	.06	.15	.14	.12	.12	.11	.10	.05		.02	.02	.03	.03	.04	.05	.04	.06	.11	.070	23	.16
12	.31	.33	.30	.47	.24	.29	.38	.39	.26	.22	.17	.19	.08	.04		.02	.03	.05	.04	.09	.10	.08	.10	.06	.187	23	.61
13	.05	.07	.12	.03	.04	.05	.08	.09	.10	.11	.10	.03	.02	.01		.01	.02	.05	.07	.05	.04	.04	.05	.04	.054	23	.14
14*	.03	.03	.02	.01	.01	.01	.02	.03	.03	.03	.02			.02	.02	.03	.04	.12	.18	.17	.38	.47	.37	.48	.114	22	.77
15*	.63	.52	.48	.70	.53	.43	.41	.43	.33	.24	.14	.08	.01	.02		.01	.03	.06	.09	.09	.12	.08	.10	.11	.244	23	.77
16	.12	.09	.05	.09	.07	.09	.07	.09	.10	.13	.18	.12	.09	.11		.18	.20	.18	.14	.09	.05	.04	.04	.03	.100	23	.22
17	.03	.03	.02	.02	.02	.03	.02	.04			.03	.03	.02	.03	.02	.03	.05	.08	.09	.08	.13	.15	.10	.04	.049	22	.18
18	.03	.02	.02	.02	.02	.02	.04	.09	.08	.05	.04	.03	.02	.02		.03	.04	.07	.08	.12	.15	.18	.25	.16	.068	23	.26
19	.08	.04	.06	.07	.06	.05	.06	.12	.17	.14	.11	.14	.10	.08		.09	.12	.23	.11	.06	.04	.07	.06	.04	.091	23	.26
20	.04	.03	.03	.04	.06	.05						.05	.03	.03	.03	.04	.06	.09	.07	.07	.07	.13	.24	.11	.066	19	.29
21*	.10	.06	.10	.13	.06	.05	.06	.07	.04	.02	.02	.02	.02	.02				.03	.03	.03	.04	.04	.04	.04	.046	21	.15
22*	.05	.05	.05	.05	.04	.05	.05	.05								.02	.04	.04	.03	.04	.05	.06	.06	.07	.046	17	.08
23	.08	.08	.06	.07	.10	.08	.11	.15	.14	.11	.07	.05	.05	.05	.01		.09	.11	.12	.12	.13	.14	.15	.14	.095	23	.18
24	.10	.15	.26	.29	.21	.12	.15	.18	.18	.19	.15	.08	.05	.03	.01	.04	.06	.07	.11	.08	.07				.122	21	.33
25																											
26																											
27		.01	.01	.01	.01	.02	.02	.10	.14		.03	.05	.04	.03	.03	.04	.05	.07	.08	.10	.12	.14	.16	.19	.066	22	.21
28*	.17	.14	.10	.08	.08	.08	.09	.09	.09	.09	.06		.01	.01			.04	.06	.07	.09	.12	.07	.05	.04	.077	21	.19
29*	.04	.04	.06	.05	.05	.04								.01	.02	.02	.03	.03	.04	.08	.05	.05	.05	.04	.040	17	.11
30	.04	.02	.02	.01	.01	.01	.02	.03	.06	.05	.04	.04	.03	.03		.04	.05	.07	.05	.04	.03	.03	.03	.03	.033	23	.08
MEAN	.13	.12	.12	.12	.10	.10	.11	.14	.14	.11	.08	.06	.04	.03		.04	.05	.08	.08	.09	.10	.11	.11	.11	.094		
NO	26	27	27	27	27	27	25	25	23	22	25	24	24	26	8	23	26	28	28	28	28	26	26	26		602	
MAX	.78	.79	.68	.70	.53	.43	.41	.43	.33	.24	.18	.19	.10	.11	.03	.18	.20	.23	.19	.28	.38	.47	.37	.48	.244		.87

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-192.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

NITRIC OXIDE
DEC. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.02	.03	.03	.03	.03	.03	.05	.07	.06	.05	.07	.06	.04	.02	.03	.06	.04	.03	.03	.03	.03	.03	.03	.036	18	.07
2	.03	.03	.03	.03	.03	.03	.04	.07	.08	.08	.07	.11	.11	.11			.09	.08	.06	.06	.06	.07	.07	.06	.051	24	.09
3	.03	.02	.01	.01	.02	.02	.08	.10	.13	.09	.09	.11	.14	.15		.18	.23	.26	.26	.22	.18	.16	.13	.12	.085	22	.28
4	.09	.08	.07	.06	.08	.09	.10	.14	.17	.14	.14	.13	.09	.07			.09	.08	.09	.13	.14	.14	.13	.11	.144	23	.28
5*	.12	.13	.12	.11	.10	.10	.10	.11	.10	.10	.10	.10													.107	22	.15
6*	.09	.07	.07	.05	.03	.04	.02	.02	.02	.02	.02	.02	.03	.03		.02		.04	.03	.03	.03	.03	.03	.03	.034	22	.11
7	.02	.01	.01	.02	.02	.02	.04	.08	.09	.06	.04	.04	.03	.03		.03	.05	.05	.05	.06	.12	.08	.10	.14	.051	23	.21
8	.07	.05	.09	.11	.13	.11	.05	.05	.08	.08	.05	.03	.03	.03		.02	.02	.04	.04	.03	.05	.08	.06	.04	.058	23	.19
9	.03	.06	.06	.07	.07	.06	.06	.08	.11	.07	.05	.04	.03	.03		.03	.05	.08	.06	.05	.04	.06	.07	.05	.035	23	.12
10	.03	.04	.03	.02	.01	.02	.04	.15	.23	.19	.14	.13	.13	.15		.08	.09	.07	.10	.11	.11	.12	.06	.05	.091	23	.27
11	.05	.06	.05	.05	.05	.03	.03	.06	.07	.07	.04	.02	.02	.02			.03	.07	.05	.04	.04	.03	.02	.02	.041	22	.09
12*	.07	.07	.06	.07	.04	.02	.03	.07	.15	.17	.19	.18	.23	.13		.10	.13	.28	.21	.15	.35	.34	.18	.19	.147	23	.48
13*	.25	.36	.23	.17	.16	.15	.20	.21	.16	.13	.11	.11	.07	.05		.03	.03	.03	.03	.03	.05	.04	.03	.03	.114	23	.43
14	.02	.01	.01	.00	.00	.00	.01	.05	.05		.04	.03	.02				.03	.04	.08	.07	.07	.07	.06	.06	.036	20	.10
15	.05	.02	.01	.01	.01	.00	.01	.04	.03	.03	.02	.02	.02	.02		.02	.03	.04	.03	.03	.03	.03	.03	.03	.023	23	.06
16	.03	.03	.02	.02	.02	.02	.05	.09	.15	.09	.04	.04	.02	.02			.02	.04	.04	.04	.05	.03	.06	.07	.045	22	.20
17	.05	.04	.03	.02	.01	.01	.03	.07	.08	.07	.06	.04	.04			.04	.08	.09	.09	.08	.12	.09	.11	.10	.061	22	.14
18	.08	.05	.03	.01	.00	.00	.01	.04	.03	.05	.05	.03	.03	.02		.02	.04	.03	.02	.02	.02	.02	.02	.02	.026	23	.09
19*	.04	.04	.03	.03	.02	.03	.02	.03	.04	.03	.03	.02	.02	.02			.03	.03	.03	.05	.05	.04	.02	.02	.031	22	.06
20*	.03	.03	.04	.02	.02	.02	.03	.04	.06	.06	.04	.04	.03	.03											.034	14	.07
21									.09	.07	.06	.04	.03	.04		.05	.07	.10	.07	.05	.08	.05	.03	.05	.058	15	.10
22	.04	.05	.05	.04	.04	.03	.07	.13	.18	.13	.13	.12	.08	.06			.06	.18	.20	.30	.21	.24	.24	.13	.122	22	.38
23	.09	.07	.07	.06	.07	.05	.04	.08	.11	.07	.04	.03	.03		.03	.04	.04	.03	.02	.03	.03	.03	.02	.01	.047	23	.12
24	.03	.04	.03	.02	.02	.02	.05	.08	.08	.07	.06	.06	.06	.07	.05	.12	.13	.17	.17	.19	.24	.24	.20	.20	.100	24	.27
25	.18	.10	.03	.03	.02	.02	.01	.01	.01	.01	.01	.01	.00	.00		.00	.01	.04	.02	.02	.04	.21	.51	.58	.080	23	.63
26*	.27	.13	.09	.07	.05	.04	.02	.01	.01	.01	.01	.01	.00	.00			.03	.05	.07	.06	.05	.02	.04	.06	.050	22	.48
27*	.16	.15	.10	.10	.06	.02	.01	.01	.01	.03	.03	.03	.03		.01		.03	.05	.03	.02					.048	18	.21
28												.01	.02	.02	.02	.02	.03	.04	.03	.01	.01	.01	.01	.01	.017	13	.05
29	.00	.00	.00	.00	.00	.00	.00	.04	.04	.04	.04	.04	.05	.04		.03	.04	.06	.05	.04	.06	.05	.05	.05	.031	23	.07
30	.03	.03	.03	.03	.04	.05	.07	.04	.06	.03	.06	.06	.06	.06		.09		.11	.11	.13	.16	.08	.10	.09	.069	22	.17
31	.09	.10	.03	.02	.01	.00	.01	.04	.03	.03	.02	.02	.01	.01		.01	.02	.04	.04	.01	.03	.03	.02	.01	.027	23	.12
MEAN	.07	.06	.05	.04	.04	.04	.04	.06	.08	.07	.06	.05	.05	.05		.05	.06	.08	.08	.07	.09	.09	.09	.08	.063		
NO.	29	29	29	29	29	29	29	29	30	29	30	30	23	26	5	20	27	30	30	30	29	29	29	29	.147	665	.63
MAX.	.27	.36	.23	.17	.16	.15	.20	.21	.23	.19	.19	.18	.23	.15	.05	.18	.23	.28	.26	.30	.35	.34	.51	.58			

TABULATED WED., DEC. 4, 1968

* Indicates Saturday or Sunday
Local standard time used

Table 3-193.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS.	5-MIN. MAX.
1	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03		.00	.01	.00	.00	.00	.00	.00	.00	.00	.022	23	.04
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.06	.06	.06	.05	.05	.05	.06	.019	21	.06
3	.06	.05	.05	.06	.04	.05	.05	.05	.05	.07	.08	.11	.09	.10		.08	.09	.08	.09	.08	.06	.07	.06	.07	.068	23	.12
4*	.07	.06	.05	.05	.05	.04	.05	.04	.04	.04	.04	.03	.03	.03			.04	.04	.03	.03	.04	.03	.03	.03	.040	22	.07
5*	.03	.03	.03	.03	.04	.03	.04	.03	.04	.04	.04	.04	.04	.04	.00	.03	.04	.05	.05	.05	.05	.05	.05	.06	.039	24	.07
6	.07	.07	.06	.07	.05	.05	.04	.03	.04				.02	.03	.00	.03	.03	.03	.03	.03	.03	.03	.03	.03	.038	21	.08
7	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.00	.02	.03	.03	.03	.03	.03	.03	.03	.03	.024	24	.03
8	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.00	.02	.03	.03	.03	.03	.03	.03	.02	.03	.028	24	.04
9	.03	.03	.04	.02	.02	.02	.02	.04	.03	.03								.02	.01	.01	.01	.01	.01	.01	.019	17	.03
10	.01	.01	.00	.01	.01	.00	.00	.01	.01	.01	.00	.00	.00	.01	.00	.00									.005	16	.02
11*																											
12*																											
13																											
14	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02		.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.020	22	.03
15	.02	.03	.03	.03	.04	.03	.03	.03	.04	.03	.03	.03	.03	.04		.03	.04	.04	.05	.06	.05	.05	.05	.04	.035	23	.06
16	.04	.04	.04	.04	.04	.04	.04	.05	.05	.06	.07	.07	.04	.03			.04	.05	.05	.05	.04	.04	.04	.04	.045	22	.08
17	.04	.04	.05	.04	.05	.05	.05	.05	.03	.04	.04	.04	.04	.04		.04	.05	.05	.05	.05	.05	.05	.05	.05	.045	23	.06
18*	.05	.06	.05	.09	.09	.07	.07	.08	.09	.11	.14		.08	.07		.07	.08	.06	.06	.05	.05	.05	.05	.05	.071	22	.17
19*	.05	.05	.05	.06	.07	.07	.06	.06	.07	.09	.09	.07	.05	.05		.04	.05	.05	.05	.04	.04	.04	.03	.03	.054	23	.10
20	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.04		.03		.02	.03	.03	.04	.02	.02	.02	.02	.02	.026	22	.04
21	.02	.02	.04	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.03	.03	.04	.04	.04	.04	.04	.03	.03	.024	23	.04
22	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.02	.02	.03							.03	.04	.05	.06	.07	.034	18	.07
23	.06	.05	.03	.03	.03	.03	.03	.04	.03	.04	.05	.05	.05	.06		.03	.04	.04	.03	.04	.03	.03	.03	.03	.038	23	.06
24	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04				.00	.03	.03	.03	.02	.02	.03	.03	.02	.02	.027	21	.04
25*	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01		.01	.02	.02	.01	.01	.01	.01	.01	.01	.012	23	.02
26*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.02
27	.01	.01	.01	.01	.01	.02	.02	.04	.03	.05	.04	.04	.04			.04	.03	.05	.04	.04	.04	.05	.05	.04	.031	22	.06
28	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.02			.03	.03	.03	.03	.02	.02	.02	.02	.031	22	.04
29	.02	.02	.04	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.03		.04	.03	.03	.04	.04	.04	.04	.029	22	.05
30	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.03					.03	.03	.03	.03	.03	.03	.03	.03	.03	.033	20	.05
31	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.04			.04	.04	.04	.04	.04	.04	.04	.03	.036	22	.05
MEAN	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03		.03	.04	.04	.04	.03	.03	.03	.03	.03	.033		
NO	28	28	28	28	28	28	28	28	28	27	26	22	24	23	6	21	23	26	26	27	27	27	27	27		611	
MAX	.07	.07	.06	.09	.09	.07	.07	.08	.09	.11	.14	.11	.09	.10	.00	.08	.09	.08	.09	.08	.06	.07	.06	.07	.071		.17

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-194.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

NITROGEN DIOXIDE
FEB. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04		.02	.03	.03	.03	.03	.02	.02	.02	.02	.031	23	.05
2*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03			.01		.01	.01	.01	.01	.01	.01	.00	.00	.00	.015	21	.04
3	.00	.00	.00	.00	.01	.01	.01	.01	.01				.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	14	.02
4	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02				.04			.03	.03	.03	.03	.013	14	.04
5	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02				.04	.05	.05	.05	.05	.06	.12	.033	21	.15
6	.12	.07	.06	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03			.04	.04	.03	.03	.03	.02	.02	.02	.039	22	.15
7	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03		.03	.04	.05	.05	.06	.06	.05	.06	.06	.032	22	.08
8*	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.02	.02	.02		.02	.02	.02	.03	.02	.02	.02	.03	.03	.035	23	.06
9*	.02	.02	.02	.02	.02	.02	.02	.02	.02					.02		.02	.03	.04	.04	.04	.04	.04	.04	.04	.048	19	.04
10	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.04	.05				.03	.03	.03	.03	.03	.03	.03	.040	21	.05
11	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03		.04		.04	.04	.05	.05	.04	.04	.04	.04	.03	.036	22	.05
12	.04	.03	.03	.04	.03	.03	.04	.04	.04	.03	.03	.04	.04	.04		.03	.04	.05	.06	.05	.05	.05	.05	.06	.040	23	.06
13	.05	.05	.05	.05	.05	.05	.06	.07	.08	.02	.01	.05	.05	.05				.06	.06	.06	.06	.06	.05	.05	.051	21	.08
14	.05	.06	.05	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.038	23	.06
15*	.03	.03	.03	.03	.03	.02	.02	.03	.04	.03				.00	.00	.00	.00		.02	.02	.02	.02	.02	.02	.021	20	.04
16*	.02	.02	.02	.02	.03	.01	.02	.02	.02	.03	.02	.03	.03			.02	.01	.01	.01	.02	.02	.02	.02	.02	.019	22	.03
17	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04		.02	.02			.04	.05	.05	.06	.06	.07	.08	.08	.038	21	.09
18	.08	.07	.08	.07	.08	.08	.08	.08	.09	.09	.10	.10	.10	.10			.03	.04	.04	.04	.05	.05	.06	.06	.071	22	.10
19	.07	.07	.07	.07	.07	.07	.08	.09	.09	.09							.03	.04	.04	.04	.04	.04	.04	.04	.059	18	.09
20	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.02	.01	.02	.03		.02	.03	.03	.04	.04	.04	.03	.03	.03	.027	23	.04
21	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02			.03	.03	.03	.03	.03	.03	.03	.03	.028	22	.04
22*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	23	.03
23*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.03		.02	.03	.03	.04	.04	.05	.04	.03	.04	.027	21	.05
24																											
25	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.038	23	.05
26	.05	.04	.05	.04	.04	.05	.05	.06	.05	.05	.05	.06	.05	.05		.04	.06	.06	.06	.05	.05	.04	.03	.03	.047	23	.08
27	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03				.03	.04	.05	.05	.05	.05	.05	.05	.05	.037	21	.06
28	.05	.05	.05	.04	.05	.05	.05	.05	.06	.06	.05	.05	.04	.04		.05	.05	.05	.05	.05	.05	.04	.05	.03	.047	23	.07
29*	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03					.05	.04			.07	.10	.06	.07	.07	.041	18	.16
MEAN	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03		.02	.03	.04	.04	.04	.04	.04	.04	.04	.034		
NO	28	28	28	28	28	28	28	28	28	26	24	19	19	23	2	19	24	26	26	27	28	28	28	28		599	
MAX	.12	.07	.06	.07	.08	.08	.08	.09	.09	.09	.10	.10	.10	.10	.00	.05	.06	.06	.06	.07	.10	.06	.07	.12	.071		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-195.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.06	.06	.06	.05	.05		.05	.05	.05	.05	.04	.04	.04	.05			.06				.05	.05	.05	.05	.050	18	.07
2	.09	.05		.05	.05	.05	.06	.06	.08	.10	.06	.05	.04				.05	.06	.06	.07	.07	.05	.06	.06	.059	20	.12
3	.06	.05		.06	.06	.05	.05	.04	.03	.03	.04	.05	.05	.05		.05		.05	.06	.06	.07		.09	.10	.054	20	.11
4	.11	.11	.11	.11	.12	.12	.13	.12								.02	.02	.03	.03	.03	.03	.04	.03	.04	.070	17	.13
5	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04			.02	.03	.04	.04	.05	.04	.04	.04	.03	.04	.04	.036	22	.05
6	.04	.04	.04	.04	.05	.05	.06	.06	.07	.07				.03			.05	.05	.06	.07	.07	.07	.08	.08	.056	19	.08
7*	.08	.07	.07	.07	.07	.08	.08	.08	.09	.08	.09	.08	.09	.09		.04	.05	.06	.06	.05	.06	.05	.04	.05	.068	23	.10
8*	.05	.05	.05	.05	.04	.04	.03	.02	.02				.03	.02			.03	.04	.04	.04	.04	.03	.03	.03	.035	19	.05
9	.03	.03	.04	.04	.03	.03	.03	.04	.05	.03	.03	.03	.04			.03	.03	.04	.03	.02	.02	.02	.03	.02	.031	22	.05
10	.02			.07	.07	.08	.07	.07	.08	.09	.09			.02				.04	.04	.03	.04	.05	.05	.05	.055	17	.09
11	.05	.05	.05	.05	.05	.06	.06	.08	.08	.08	.08	.09		.09											.066	15	.09
12																											
13																											
14*																											
15*																											
16	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03		.03	.04	.04	.05	.05	.05	.06	.06	.06	.041	23	.08
17	.07	.06	.05	.05	.05	.05	.05	.05	.05	.06	.04	.03	.03	.03	.01	.04	.06	.07	.07	.06	.06	.06	.06	.06	.050	24	.08
18	.06	.06	.06	.06	.07	.07	.07		.01	.02	.01	.02					.02	.02	.03	.03	.03	.03	.03	.03	.037	19	.08
19	.02	.02	.02	.02	.02	.02	.02	.04	.03	.03	.03	.03	.02	.02		.02	.02	.04	.04	.04	.04	.04	.04	.04	.027	23	.04
20	.03	.02	.04	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03			.05	.05	.06	.06	.05	.05	.05	.04	.03	.036	22	.06
21*	.03	.03	.03	.02	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.029	22	.04
22*	.03	.02	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02				.02	.03	.04	.03	.03	.03	.03	.03	.03	.025	21	.04
23	.03	.02	.03	.02	.03	.03	.03	.03	.03	.02	.02		.04	.02	.02	.03	.03	.05	.06	.06	.07	.08	.08	.09	.039	23	.09
24	.08	.09		.05	.05	.05	.05	.06	.08	.08	.04	.02	.04	.02		.02	.03	.04	.05	.05	.05	.05	.04	.04	.047	22	.09
25	.03	.04	.05	.06	.05	.05	.05	.06	.05	.05	.05	.06	.05	.04		.06	.06	.08	.06	.05	.05	.05	.04	.04	.051	23	.08
26	.03	.02	.04	.02	.01	.01	.02	.03	.03	.03	.03	.03	.04	.03				.03	.03	.03	.02	.02	.04	.03	.024	21	.04
27	.02	.02	.04	.02	.04	.04	.03	.03	.03	.03	.02	.02	.04	.02			.03	.03	.04	.04	.04	.04	.04	.04	.028	22	.05
28*	.04	.05	.05	.04	.04	.04	.04	.04	.04	.03	.03	.03	.04	.03		.02	.02	.02	.02	.01	.01	.03	.03	.02	.030	23	.05
29*	.01								.02	.02	.02	.02	.02	.02		.02	.02	.03	.03	.04	.03	.03	.03	.03	.024	16	.04
30	.02	.02	.01	.01	.01								.04	.03			.04	.05	.04	.04	.04	.04	.04	.03	.030	19	.05
31	.03	.03	.02	.02	.02	.02	.03	.03	.03	.02		.06	.03	.03		.07	.07	.07	.05	.05	.05	.06	.06	.05	.040	22	.08
MEAN	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04	.04	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.042		
NO	27	25	22	26	26	24	25	24	25	24	22	20	20	21	3	16	23	25	25	25	26	25	26	26		551	
MAX	.11	.11	.11	.11	.12	.12	.13	.12	.09	.10	.09	.09	.04	.09	.03	.07	.07	.08	.07	.07	.07	.08	.09	.10	.070		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-196.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.06	.06	.05	.05	.04	.04	.04	.05	.05	.05	.04			.02		.02	.02	.03	.04	.04	.04	.04	.04	.04	.040	21	.06
2	.05	.05	.05	.05	.05	.04	.05	.06	.07	.04	.03	.02	.02	.03		.04	.04	.04	.04	.04	.04	.03	.03	.03	.040	23	.09
3	.04	.04	.03	.05	.05	.05	.04	.05	.05	.04					.01	.02	.02	.04	.04	.04	.04	.04	.03	.03	.036	20	.05
4*	.03	.02	.02	.03	.02	.02	.02	.02	.02	.02		.02	.02	.02			.03	.03	.04	.05	.05	.06	.06	.06	.031	21	.06
5*	.06	.06	.06		.03	.03	.02	.02	.02	.02	.04	.04				.05	.06	.05	.05	.05	.05	.05	.05	.06	.043	20	.07
6	.06	.06	.05	.05	.05	.05	.05	.05	.06	.05	.05	.04	.05	.04		.05	.05	.05	.05	.05	.05	.05	.04	.04	.049	23	.06
7	.04	.04	.04	.03	.04	.03	.03	.04	.04	.04	.05		.05	.05		.04	.03	.05	.05	.05	.05	.04	.03	.03	.040	22	.06
8	.03	.03	.03	.03	.04	.04	.04	.04	.05	.05	.05	.06	.04	.03		.03	.03	.04	.04	.04	.04	.03	.03	.03	.037	23	.06
9	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02		.02	.03	.04	.04	.04	.05	.05	.04	.05	.030	23	.05
10	.05	.05	.05	.05	.05	.05	.05	.06	.05	.04	.03	.03	.03	.02		.04	.04	.06	.06	.06	.08	.08	.06	.06	.050	23	.09
11*																											
12*																											
13																											
14	.04	.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.04	.03	.03			.04	.04	.02	.03	.02	.02	.02	.02	.028	22	.05
15	.01	.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.06						.06	.05	.04	.06	.05	.04	.03	.036	19	.07
16	.03	.03	.02	.02	.02	.02	.04	.04	.04	.03	.03	.03	.02	.02			.03	.03	.04	.04	.04	.05	.05	.06	.033	22	.08
17	.06	.06	.06	.04	.04	.03	.04	.05	.05	.05	.05	.05	.05	.05		.05	.05	.06	.07	.09	.08	.07	.05	.05	.053	23	.10
18*	.05	.06	.05	.05	.05	.05	.05	.07	.08	.04	.03							.03	.04	.07	.07	.06	.04	.05	.051	18	.09
19*	.03	.03	.03	.03	.02	.01	.01	.01	.01	.02	.02	.03	.03	.02			.04	.03	.02	.03	.03	.03	.02	.03	.024	22	.05
20	.03	.02	.01	.01	.01	.02	.02	.04	.04	.04		.02	.02	.02		.03	.03	.03	.03	.03	.02	.03	.02	.03	.024	22	.05
21	.02	.02	.02	.01	.01	.02	.02	.03	.03	.03	.03	.03		.03		.03	.04	.04	.03	.03	.03	.03	.03	.03	.026	22	.04
22	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.03	.03		.03	.03	.03	.04	.04	.03	.03	.03	.03	.029	23	.04
23	.03	.02	.02	.03	.02	.02	.03	.03	.03	.03	.02							.03	.03	.03	.04	.04	.05	.04	.030	18	.05
24	.04	.04	.03	.03	.01	.01	.02	.04	.03	.04	.03	.03	.03			.02	.02	.03	.02	.02	.03	.03	.03	.03	.027	22	.04
25*	.03	.02	.04	.02	.02	.02	.02	.02	.02	.01	.02	.05	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.012	23	.07
26*	.00	.00	.00	.00	.00		.00	.00	.00				.03	.02		.02	.05	.06	.06	.05	.06	.05	.05	.05	.026	19	.07
27	.05	.05	.05	.05	.05	.06	.09	.11		.04	.03	.03	.03	.04		.04	.04	.04	.03	.03	.02	.02	.03	.03	.042	22	.12
28	.03	.02	.02	.02	.01	.02	.02	.03	.04	.04	.03	.03	.02	.03			.03	.03	.03	.03	.03	.03	.03	.02	.025	22	.04
29																											
30																											
MEAN	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	1	.03	.03	.04	.04	.04	.04	.04	.04	.04	.034		
NO.	29	25	25	24	25	24	25	25	24	24	21	19	18	19	1	17	22	25	25	25	25	25	25	25		538	
MAX.	.06	.06	.06	.05	.05	.06	.09	.11	.08	.05	.05	.06	.05	.05	.01	.05	.06	.06	.07	.09	.08	.08	.06	.06	.053		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-197.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

PHILADELPHIA, PA.

NITROGEN DIOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1																											
2*	.04	.03	.03	.04	.05	.05	.05	.05	.05	.05	.05					.04	.03	.03	.04	.04	.03	.04	.04	.03	.041	20	.06
3*	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.05	.05	.03	.03		.03	.03	.03	.03	.04	.05	.05	.05	.05	.037	23	.05
4	.05	.05	.05	.05	.05	.04	.05	.08	.12	.10	.10		.06	.03		.03	.04	.03	.03	.03	.03	.04	.04	.03	.052	22	.14
5	.04	.04	.04	.03	.03	.03	.04	.04	.04	.05	.05	.05	.09	.06		.04	.04	.03	.03	.03	.03	.04	.04	.04	.039	23	.07
6	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.02	.02						.10	.08	.06	.06	.06	.06	.07	.043	19	.11
7	.06	.06	.05	.05	.05	.05	.07	.11	.12	.06	.10	.08	.07	.09		.09	.11	.10	.10	.10	.09	.08	.08	.08	.080	23	.14
8	.08	.08	.08	.08	.08	.08	.12	.26	.23	.11	.04	.03	.03			.03									.093	14	.29
9*																											
10*	.04	.04	.03	.03	.04	.03	.03	.03	.04	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04	.07	.07	.08	.08	.08	.040	24	.09
11	.08	.07		.05	.07	.07	.09	.08	.04	.02	.03	.03	.03	.03				.02	.03	.04	.05	.06	.07	.07	.052	20	.10
12	.06	.06	.06	.05	.04	.05	.06	.07	.09	.09	.09	.10	.07	.08		.07	.06	.04	.05	.05	.05	.05	.04	.05	.062	23	.12
13	.06	.05	.05	.05	.05	.05	.06	.06	.06	.06	.07	.05	.06	.08		.07	.05	.05	.05	.04	.06	.06	.06	.06	.056	23	.09
14	.05	.04	.04	.04	.04	.03	.05	.05	.05	.05	.05	.04	.03	.04		.04	.04	.03	.04	.03	.04	.03	.03	.03	.039	23	.06
15	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.04	.04	.04	.05											.036	14	.06
16*																											
17*	.11	.11	.10	.08	.06	.05	.07	.08	.06	.05	.04	.05	.05	.04		.05	.05	.05	.07	.10	.10	.10	.09	.08	.070	23	.12
18	.08	.07	.07	.07	.07	.07	.08	.09	.06	.06	.05	.05	.04	.04		.04	.05	.04	.05	.07	.07	.09	.08	.09	.065	23	.11
19	.09	.09	.09	.08	.08	.08	.08	.10	.12	.12	.09	.08	.07	.06			.07	.06	.06	.05	.06	.05	.05	.06	.076	22	.13
20																											
21																											
22	.05	.05	.04	.05	.04	.05	.06	.06	.06	.10	.10	.10	.09	.08		.05	.09	.09	.08	.09	.11	.09	.10	.08	.073	23	.11
23*	.06	.05	.04	.04	.04	.05	.06	.08	.07	.04	.03	.03	.03	.03	.01	.02	.03	.03	.05	.07	.07	.11	.14	.18	.056	24	.21
24*	.14	.11	.11	.11	.12	.10	.12	.12	.12		.04	.03	.03	.04			.06	.05	.08	.11	.15	.14	.11	.11	.094	21	.17
25	.08	.04	.03	.02	.03	.05	.06	.06	.03		.02	.02	.02	.02		.02	.03	.02	.02	.03	.03	.01	.01	.01	.029	22	.12
26	.01	.01	.01	.01	.01	.01	.01	.01			.02	.02	.02	.02		.02	.05	.03	.04	.05	.05	.05	.05	.05	.025	21	.06
27	.05	.04	.06	.06	.06	.06	.06	.06	.06	.04	.02	.02	.04	.04		.05	.05	.04	.04	.05	.04	.03	.03	.03	.044	23	.07
28	.02	.04	.04	.04	.04	.05	.05	.04	.04	.03	.03	.03	.03			.04	.05	.05	.06	.06	.06	.06	.07	.06	.044	22	.07
29	.04	.03	.03	.02	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04		.04	.05	.05	.05	.06	.05	.06	.06	.06	.042	23	.07
30*	.05	.05	.05	.05	.05	.05	.04	.04	.04	.03	.03	.03	.02	.02			.03	.03	.03	.04	.04	.04	.05	.05	.039	22	.06
31*	.05	.06	.08	.07	.07	.08	.06	.06	.06	.06	.08	.11	.07	.05		.03	.04	.04	.04	.04	.06	.07	.06	.07	.060	23	.12
MEAN	.06	.05	.05	.05	.05	.05	.06	.07	.07	.06	.05	.05	.04	.05		.04	.05	.04	.05	.06	.06	.06	.06	.06	.053		
NO.	26	26	25	26	26	26	26	26	23	23	26	24	24	22	2	20	22	24	24	24	24	24	24	24		563	
MAX.	.14	.11	.11	.11	.12	.10	.12	.26	.23	.12	.10	.11	.09	.09	.03	.09	.11	.10	.10	.11	.15	.14	.14	.18	.094		.29

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-198.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

NITROGEN DIOXIDE
JUNE 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.08	.07	.07	.08	.09	.10	.11	.10	.08		.08	.08	.05	.04			.04	.04	.06	.07	.08	.09	.08	.08	.073	21	.12
2	.07	.06	.05	.03	.03	.03	.05	.05	.05	.04	.04	.04	.04	.04			.05	.05	.04	.05	.04	.04	.06	.07	.046	22	.08
3	.07	.06	.07	.06	.06	.06	.08	.10	.09	.05	.03	.02	.02	.02		.03	.05	.04	.04	.04	.04	.05	.04	.05	.050	23	.11
4	.04	.05	.04	.04	.04	.05	.05	.05	.04	.05		.02	.01		.05	.06	.06	.05	.05	.08	.09	.10	.11	.08	.054	22	.11
5	.04	.02	.03	.03	.03	.04	.05	.06	.06	.04	.04	.04	.04			.03	.03	.02	.03	.04	.06	.05	.04	.04	.038	22	.07
6*	.03	.03	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.04	.03		.04	.04	.04	.07	.04	.04	.04	.04	.04	.042	23	.08
7*	.05	.04	.03	.05	.07	.07	.08	.08	.06	.05	.05	.05	.05	.06		.03	.03	.03	.03	.04	.04	.04	.04	.04	.048	23	.09
8	.05	.08	.07	.07	.07	.07	.09	.12	.12			.05	.06	.04		.03	.04	.07	.05	.05	.04	.04	.05	.05	.062	21	.15
9	.04	.03	.03	.03	.03	.03	.05	.08	.08	.06			.03	.03		.03	.04	.03	.03	.03	.03	.03	.04	.03	.037	21	.09
10	.02	.02	.02	.02	.04	.06	.07	.07	.09	.09	.08	.04	.04	.03		.06	.05	.05	.05	.05	.05	.05	.09	.06	.049	23	.11
11	.03	.01	.01	.01	.01	.02	.04	.04	.04	.04	.04	.03	.04	.04		.06	.07	.06	.05	.07	.08	.07	.07	.06	.043	23	.08
12	.06	.06	.05	.05	.05	.05	.07	.10	.11	.09	.08	.07	.08	.07		.08	.10	.09	.08	.09	.05	.07	.10	.13	.077	23	.15
13*	.12	.10	.07	.03	.05	.04	.08	.09	.12	.09	.07	.08	.08	.07		.05	.04								.073	18	.14
14*																											
15										.07	.07	.03	.02	.04		.06	.06	.04	.07	.07	.07	.05	.04	.03	.051	14	.08
16	.02	.02	.02	.01	.04	.03	.03	.02	.04	.03	.03	.03	.03	.03		.03	.03	.03	.02	.03	.03	.03	.04	.03	.026	23	.04
17	.03	.03	.02	.02	.04	.03	.03	.03	.03	.03	.03	.03	.04	.03											.027	14	.04
18	.00										.08	.04	.02	.03			.05	.04	.03	.01	.02	.02	.02	.01	.028	13	.10
19	.01	.01	.01	.01	.01	.02	.02	.04	.03	.03	.04	.08	.06	.07			.09	.08	.09	.10	.09	.07	.06	.05	.047	22	.10
20*	.03	.03	.05	.03	.04	.05	.06	.08	.06	.05	.08	.08	.07	.05		.02	.03	.02	.03	.03	.05	.06	.05	.04	.046	23	.10
21*	.04	.04	.04	.02	.03	.04	.04	.04	.02	.02	.04	.03	.03	.03		.02	.02	.01	.02	.02	.02	.02	.04	.04	.027	23	.05
22	.02	.02	.02	.04	.02	.00	.00	.00									.06	.03	.01	.01	.01	.01	.02	.01	.017	16	.07
23	.01	.01	.02	.02	.01	.02	.02	.04	.03	.03	.03	.03	.04	.02		.06	.07	.05	.02	.02	.02	.02	.03	.02	.027	23	.07
24	.01	.01	.02	.03	.03	.04	.03	.04	.03	.05	.03	.03	.04	.04		.05	.08	.08	.08	.06	.04	.05	.04	.03	.039	23	.10
25	.04	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03			.05	.04	.03	.04	.05	.05	.06	.05	.036	22	.06
26	.05	.05	.04	.04	.04	.05	.06	.09	.07		.05	.06	.05	.05		.02	.03	.02	.01	.01	.00	.00	.00	.00	.035	22	.10
27*	.00	.00	.00	.00	.00	.00	.00	.00			.03	.03	.03	.03		.01	.02	.02	.02	.01	.01	.01	.01	.01	.012	21	.03
28*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.02	.03	.02	.03	.03	.012	23	.03
29	.03	.03	.03	.03	.03	.03	.04	.05	.05	.05	.07	.07	.07			.04	.05	.04	.03	.02	.02	.02	.02	.02	.038	22	.09
30	.04	.04	.05	.06	.06	.06	.06	.07	.06	.04	.03		.02	.03		.03	.04	.04	.03	.02	.03	.02	.03	.02	.038	22	.07
MEAN	.04	.04	.03	.03	.04	.04	.05	.06	.06	.05	.05	.04	.04	.04		.04	.05	.04	.04	.04	.04	.04	.04	.04	.041		
NO.	28	27	27	27	27	27	27	27	25	23	25	26	28	25	1	22	28	27	27	27	27	27	27	27		609	
MAX.	.12	.10	.07	.08	.09	.10	.11	.12	.12	.09	.08	.08	.08	.07	.05	.08	.10	.09	.09	.10	.09	.10	.11	.13	.077		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-199.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	.03	.03	.02	.03	.02	.03	.03	.03				.03	.03	.03		.02	.03	.02	.04	.03	.04	.02	.01	.01	.027	20	.05
2	.02	.03	.01	.02	.02	.02	.02	.03	.05	.07	.10					.07	.06	.06	.04	.02	.03	.05	.05	.05	.041	20	.12
3	.05	.04	.04	.03	.03	.03	.04	.04	.05	.03	.05	.05		.04		.05	.06	.06	.06	.04	.05	.04	.03	.03	.041	22	.08
4*	.02	.03	.02	.03	.04	.04	.03	.03	.02	.03	.03	.04	.03	.04		.01	.01	.01	.01	.02	.02	.01	.01	.01	.024	23	.04
5*	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02		.02	.01	.01	.02	.03	.04	.04	.03	.04	.018	23	.04
6																											
7																											
8	.03	.01	.01	.01	.02	.03	.03	.04	.03		.07	.08	.07	.06		.06	.06	.06	.07	.08	.08	.07	.06	.06	.050	22	.09
9	.06	.04	.04	.03	.03	.05	.07	.07	.06	.05	.05	.05	.04	.04					.05	.05	.04	.04	.06	.06	.048	20	.07
10	.05	.05	.06	.05	.05	.05	.06	.06	.03	.03	.03	.03	.03	.03					.04	.07	.07	.05	.05	.07	.048	20	.09
11*	.07	.08	.05	.06	.05	.05	.06	.10	.16		.16	.09	.09	.07		.06	.05	.05	.06	.07	.06	.05	.11	.12	.079	22	.19
12*	.11	.12	.10	.10	.06	.03	.04	.05	.04	.03		.01	.01	.01		.02	.02	.03	.04	.03	.03	.03	.03	.03	.045	22	.14
13	.02	.02	.02	.01	.02	.03	.06	.07	.05	.03		.02	.03	.03		.04	.05	.07	.07	.07	.06	.05	.05	.05	.042	22	.08
14	.05	.06	.05	.04	.04	.04	.04	.09	.06	.05	.04	.03	.03	.03		.03	.06	.05	.03	.03	.02	.02	.02	.02	.038	23	.07
15		.02	.02	.02	.03	.03	.04	.09	.07	.05	.03	.03				.03	.03	.02	.02	.02	.04	.04	.04	.04	.032	20	.08
16	.04	.03	.02	.02	.02	.02	.02	.03	.06	.05	.05	.04	.05				.03	.03	.03	.03	.03	.03	.04	.04	.033	21	.06
17	.04	.03	.02	.04	.04	.04	.05	.06	.08	.06	.04	.04	.05	.04		.06	.08	.05		.06	.03	.04	.04	.05	.047	22	.10
18*	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.05		.04	.04	.04	.03	.02	.03	.04	.04	.04	.036	23	.05
19*	.05	.05	.06	.04	.03	.03	.03	.03	.03				.05	.07		.05	.08	.09	.11	.11	.09	.11	.07	.04	.060	20	.13
20	.03	.03	.03	.02	.03	.03	.03	.04	.04	.04		.06	.05	.04		.02	.03	.02	.02	.02	.02	.03	.04	.03	.032	22	.07
21	.02	.01	.01	.01	.01	.01	.02	.02	.03	.03	.02	.02	.02	.02		.02	.03	.02	.02	.02	.02	.02	.02	.02	.019	23	.04
22	.02	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03			.03	.03	.04	.04	.03	.03	.03	.03	.027	22	.06
23	.03	.03	.02	.02	.03	.03	.03	.04	.04	.05	.06		.04	.06		.03	.04	.04	.04	.03	.02	.03	.03	.03	.035	22	.06
24	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.05												.028	13	.05
25*																											
26*	.04	.03	.03	.03	.04	.04						.02	.02				.04	.04	.04	.03	.04	.02	.02	.03	.031	16	.06
27	.03	.03	.02	.03	.03	.02	.03	.05	.04	.04	.02	.02	.02	.04		.02	.04	.05	.03	.02	.02	.02	.02	.02	.028	23	.05
28	.02	.03	.03	.02	.02	.03	.05	.05	.03	.04	.04	.04	.05	.03				.02	.02	.02	.02	.01	.01	.02	.028	21	.06
29	.02	.01	.01	.01	.01	.00	.01	.01			.04	.02	.02	.01				.00	.01	.03	.01	.01	.01	.01	.013	19	.06
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02		.01	.02	.01	.01	.02	.02	.02	.01	.01	.008	23	.03
31																											
MEAN	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.04	.04	.04		.04	.04	.04	.04	.04	.04	.03	.04	.04	.035		
NO.	29	27	27	27	27	27	26	26	24	21	21	24	24	22		19	22	24	25	26	26	26	26	26		569	
MAX.	.11	.12	.10	.10	.06	.05	.07	.10	.16	.07	.16	.09	.09	.07		.07	.08	.09	.11	.11	.09	.11	.11	.12	.079		.19

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-200.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

NITROGEN DIOXIDE
AUG. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*																											
2*																									.024	23	.05
3	.04	.02	.01	.01	.02	.02	.02	.04	.03	.04	.03	.03	.03	.04		.03	.03	.02	.02	.02	.02	.02	.02	.02	.022	18	.06
4	.02	.01	.01	.01	.01	.01	.01	.01	.04	.03							.04	.04	.05	.03	.03	.02	.03	.03	.035	23	.07
5	.03	.03	.03	.02	.02	.02	.03	.02	.02	.02	.02	.04	.05	.03		.04	.05	.06	.06	.05	.05	.03	.04	.04			
6	.04	.03	.02	.01	.01	.01	.02	.04	.03	.03	.03	.03	.03	.03		.02	.04	.03	.04	.06	.06	.06	.05	.04	.032	23	.06
7	.05	.04	.04	.04	.03	.02	.03	.04	.07	.08	.11	.04	.02	.03		.03	.03	.02	.02	.02	.03	.02	.02	.01	.036	23	.15
8*	.01	.01	.01	.01	.03	.04	.05	.04	.04	.03	.05		.03	.03		.03	.04	.03	.04	.05	.05	.03	.04	.03	.032	22	.06
9*	.03	.04	.04	.03	.03	.03	.03	.02	.01	.01	.01	.01	.01	.02		.02	.02	.02	.03	.04	.05	.05	.05	.05	.027	23	.05
10	.05	.05	.05	.04	.04	.04	.05	.06	.08	.14	.06	.04				.04	.04	.03	.03	.03	.04	.04	.04	.03	.047	21	.16
11	.03	.03	.03	.04	.04	.04	.05	.05	.03	.03	.04	.04	.02	.02		.02	.02	.02	.02	.03	.03	.03	.03	.02	.030	23	.06
12	.01	.01	.00	.00	.00	.01	.02	.04	.03	.03	.02	.02	.02	.02											.015	14	.04
13																											
14	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.04	.03	.03			.06	.06	.05	.03	.04	.04	.04	.03	.039	22	.08
15*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.01		.02	.01	.01	.02	.03	.05	.04	.05	.06	.028	23	.06
16*	.05	.06	.05	.04	.04	.04	.05	.05	.06	.04	.03	.02	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.028	23	.06
17	.01	.01	.01	.01	.01	.03	.04	.04	.05	.04	.03	.03				.02	.03	.02	.02	.03	.07	.06	.06	.05	.031	21	.08
18	.03	.03	.04	.03	.03	.05	.07	.07	.08	.05	.04	.02	.02	.02											.041	14	.09
19																											
20	.03	.03	.03	.02	.02	.02	.03	.06	.06	.03	.03	.03	.02	.02		.03	.04	.03	.04		.06	.06	.06	.06	.036	22	.08
21	.05	.05	.04	.04	.03	.03	.04	.04	.03	.03	.04	.05	.05	.04		.04	.06	.04	.02		.03	.02	.02	.02	.037	22	.07
22*	.04	.03	.02	.02	.04	.04	.05	.05	.05	.05	.03	.03	.03	.03		.03	.03	.02	.03	.03	.03	.02	.02	.02	.032	23	.05
23*	.02	.02	.01	.02	.02	.02	.03	.04	.03	.04	.03	.02	.02	.02		.02	.02	.02	.05	.08	.08	.08	.08	.07	.035	23	.09
24	.06	.06	.05	.04	.05	.05	.07	.08	.06	.05	.04	.03	.03				.05	.03	.04	.05	.07	.06	.07	.07	.092	21	.09
25	.08	.07	.07	.07	.05	.06	.07	.09	.11	.09	.07	.04	.03	.02		.02	.03	.02	.03	.03	.04	.03	.03	.03	.090	23	.13
26	.03	.02	.02	.02	.03	.04	.04	.05	.05	.05	.05	.04	.03	.03						.04	.04	.04	.04	.04	.036	19	.06
27	.05	.04	.04	.03	.03	.03	.04	.06	.06	.06	.05	.04	.05					.06	.03	.04	.05	.04	.03	.04	.043	20	.08
28	.05	.04	.04	.05	.04	.03	.05	.05	.05					.04				.08	.09	.09	.08	.07	.08	.07	.058	18	.10
29*	.07	.07	.06	.05	.05	.05	.05	.06	.06	.06	.05	.03	.04			.02	.04			.07	.07	.06	.06	.05	.053	20	.08
30*	.05	.04	.04	.06	.04	.03	.04	.05		.07	.06	.04	.03	.02			.02	.01	.02	.02	.02	.02		.02	.034	20	.08
31	.03	.02	.02	.02	.02	.02	.02	.04	.03	.03	.03	.05	.04	.05	.03		.06	.04	.03	.03	.03	.03	.03	.03	.030	23	.06
MEAN	.04	.03	.03	.03	.03	.03	.04	.04	.05	.05	.04	.03	.03	.03		.02	.04	.03	.03	.04	.04	.04	.04	.04	.036		
NO.	27	27	27	27	27	27	27	27	26	26	25	24	23	21	1	17	23	23	23	23	25	25	24	25		570	
MAX.	.08	.07	.07	.07	.05	.06	.07	.09	.11	.14	.11	.05	.05	.05	.03	.04	.06	.08	.09	.09	.08	.08	.08	.07	.098		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-201.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.02	.02	.02	.02	.02	.03	.04	.04	.03	.04	.04	.04	.03	.03	.02		.05	.04	.04	.04	.04	.03	.03	.03	.032	23	.05
2	.02	.01	.01	.01	.02	.03	.03	.03	.03	.03	.03	.02	.03	.03	.02		.04	.03	.05	.06	.06	.04	.06	.06	.032	23	.07
3																											
4																											
5*	.07	.06	.05	.04	.03	.02	.02	.02	.03	.02	.02	.02	.03	.03	.03		.03	.03	.05	.05	.05	.05	.05	.05	.036	23	.08
6*	.04	.03	.02	.02	.02	.03	.04	.04	.03	.03	.02	.02	.02	.02			.03	.03	.06	.07	.08	.08	.08	.07	.040	22	.09
7	.08	.07	.06	.05	.05	.05	.06	.06	.09	.11	.11	.05	.03	.03	.02		.03	.02	.02	.03	.05	.04	.04	.03	.052	23	.12
8	.02	.02	.02	.02	.03										.02		.05	.04	.02	.03	.02	.03	.04	.04	.027	14	.05
9	.04	.04	.04	.03	.03	.03	.04	.06	.08		.07	.08	.06			.04	.06	.07	.06	.07	.06	.03	.03	.03	.049	21	.09
10	.04	.05	.03	.03	.03	.03	.04	.08	.01	.08	.07	.04	.04	.03	.03		.03	.02	.02	.02	.01	.02	.02	.01	.036	23	.11
11	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03				.06	.06	.05	.04	.02	.02	.10	.02	.029	21	.22
12*	.02	.02	.01	.01	.01	.01	.02	.03	.03	.03	.02	.03	.04	.04	.05				.06	.06	.05	.04	.03	.03	.030	21	.06
13*	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04							.04	.04	.05	.05	.05	.04	.04	.03	.037	18	.05
14	.04	.04	.04	.02	.02	.03	.04	.04	.04	.03	.03	.04	.04	.04		.04	.05	.05	.06	.06	.06	.10	.06	.05	.043	23	.20
15	.05	.05	.04	.04	.05	.12	.09	.08	.08	.05	.04	.03	.03	.03		.05	.05	.04	.03	.03	.03	.03	.03	.03	.047	23	.37
16	.03	.07	.02	.03	.02	.02	.02	.03	.03	.04				.04		.03	.04	.03	.03	.04	.04	.03	.03	.03	.031	20	.17
17	.04	.03	.04	.06	.06	.06								.06	.07	.07	.08	.09	.08	.08	.07	.08	.08	.09	.065	17	.09
18	.06	.06	.05	.09	.05	.09	.04	.05	.08	.18	.16	.12		.11	.13	.07	.08	.08	.07	.07	.07	.06	.05	.06	.078	23	.20
19*	.05	.05	.04		.02	.03	.04	.03	.03	.03			.02	.04	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.031	21	.06
20*	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.03	.05	.03	.04		.02	.02	.02	.02	.02	.02	.02	.03	.024	23	.10
21	.03	.03	.03	.03	.04	.03	.03	.03	.03		.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.030	23	.04
22	.03	.03	.03	.03	.03	.04	.04										.05	.05	.05	.06	.06	.05	.05	.04	.042	15	.06
23	.03	.03								.02	.03	.02	.03	.03			.04	.04	.06	.06	.06	.05	.04	.04	.038	15	.07
24	.03	.03	.01	.01	.03	.03	.04		.04				.02	.02	.03	.03	.04	.04	.03	.03	.02	.02	.02	.02	.027	20	.05
25	.02	.02	.02	.02	.03				.02	.02	.02	.02		.02	.03	.04	.03	.03	.04	.04	.04	.04	.04	.03	.028	20	.08
26*	.03	.03	.03	.03	.03	.04	.04	.07	.08	.07			.04	.03			.02	.02	.02	.02	.03	.03	.04	.03	.035	20	.11
27*	.03	.02	.02	.02	.02	.03	.02	.01	.01	.03		.01	.01	.01	.01		.02	.02	.02	.03	.04	.04	.05	.05	.024	22	.05
28	.03	.02	.02		.01	.02	.02	.03	.02	.02	.02		.03	.03	.04		.04	.04	.03	.03	.03	.03	.03	.03	.026	21	.04
29	.02	.02	.03	.02	.03	.03	.03	.03	.04	.04	.05	.06	.06	.07		.06	.05	.04	.03	.04	.04	.05	.06	.07	.042	23	.08
30	.07	.07	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04		.04	.04	.03	.03	.03	.04	.04	.03	.03	.036	23	.08
MEAN	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.037		
NO.	28	28	27	25	27	25	24	22	24	22	19	19	21	23	16	12	27	27	28	28	28	28	28	28		584	
MAX.	.08	.07	.06	.06	.06	.12	.09	.08	.09	.18	.16	.12	.06	.11	.13	.07	.08	.09	.08	.08	.08	.10	.10	.09	.078		.37

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-202.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

NITROGEN DIOXIDE
OCT. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.02	.02	.02	.02	.01	.01	.02	.02	.02	.01	.01	.01	.01		.03	.03	.03	.02	.02	.02	.02	.01	.01	.019	22	.04
2	.01	.01	.02	.02	.02	.02	.02	.04	.03			.03	.03	.03		.02	.04	.04	.03	.03	.03	.03	.03	.03	.026	21	.04
3*	.02	.02	.02	.02	.04	.03	.03	.04	.04	.03	.02	.02	.02	.02			.03	.03	.05	.05	.05	.05	.05	.06	.032	23	.07
4*	.06	.06	.06	.04	.04	.03	.03	.04	.04	.03	.03	.08	.14	.08			.21	.20	.16	.12	.11	.11	.12	.10	.087	22	.25
5	.09	.08	.08	.07	.07	.07	.06	.06	.06	.07	.06	.06	.05	.05			.06	.06	.05	.05	.05	.05	.05	.05	.061	22	.11
6	.05	.04	.04	.04	.04	.04	.04	.05	.06	.06	.05	.05	.04	.05		.05	.06	.06	.06	.06	.05	.04	.04	.04	.048	23	.06
7	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03		.04	.04	.04	.04	.05	.05	.05	.05	.04	.038	23	.06
8	.04	.03	.03	.03	.03	.03	.03	.04	.05	.05	.06	.06	.05	.06		.06	.06	.06							.045	17	.08
9																											
10*							.02	.02	.02	.02	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.02	.02	.03	.023	17	.03
11*	.03	.03	.02	.03	.03	.03	.03	.03				.08	.07			.04	.05	.06	.06	.06	.05	.05	.04	.04	.044	19	.09
12	.05	.05	.05	.04	.04	.04	.04	.04	.07	.06	.06	.05	.05			.04	.05	.05	.05	.06	.05	.05	.06	.05	.051	22	.08
13	.06	.06	.06	.06	.05	.05	.05	.05				.04	.04				.07	.11	.11	.12	.10	.10	.11	.10	.075	18	.12
14																											
15																											
16																											
17*												.03	.03	.03	.03	.03	.03	.05	.05	.06	.06	.06	.07	.06	.046	13	.07
18*												.02	.02	.03			.01	.01	.01	.01	.02	.01	.02	.02	.034	22	.08
19	.06	.06	.07	.05	.06	.06	.06	.06	.05	.03	.03	.03	.03	.03			.02	.03	.03	.03	.03	.03	.02	.02	.027	22	.12
20	.01	.02	.02	.02	.02	.02	.02	.06	.03	.03	.05	.03	.03	.03													
21	.02	.02	.02	.02	.02	.02	.02	.03	.04	.03		.04	.03	.04			.04	.04	.04	.04	.04	.04	.04		.031	19	.05
22											.03	.03	.03	.03		.03	.04	.05	.04	.04	.04	.04	.04	.04	.036	13	.05
23	.04	.04	.04	.04	.04	.04	.04	.04		.04							.01	.01	.01	.03	.03				.032	14	.05
24*																											
25*																											
26																											
27																											
28																											
29																											
30																											
31*																											
MEAN	15	15	15	15	15	15	.03	.04				.04	.04				.05	.05	.05	.05	.05	.05	.05				
NO.	15	15	15	15	15	15	16	16	13	13	12	17	16	13	2	10	18	18	17	17	17	16	16	15		356	
MAX.	.09	.08	.08	.07	.07	.07	.06	.06	.07	.07	.06	.08	.19	.08	.03	.06	.21	.20	.16	.12	.11	.11	.12	.10	.087		.25

TABULATED WED., DEC. 4, 1968

* Indicates Saturday or Sunday
Local standard time used

Table 3-203.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

PHILADELPHIA, PA.

NITROGEN DIOXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*																											
2																											
3																											
4																											
5																											
6																											
7*																											
8*																											
9																											
10																											
11																											
12																											
13																											
14*																											
15*																											
16																											
17																											
18	.04	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.05	.05	.035	23	.05
19	.04	.04	.04	.04	.04	.04	.03	.03	.04	.04	.04	.04	.03	.04		.04		.05	.04	.04	.04	.04	.04	.03	.038	22	.05
20	.03	.02	.02	.02	.03	.03	.03	.02	.03			.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.031	22	.04
21*	.04	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.04	.03	.04	.03	.03	.031	22	.05
22*	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.03	.03		.03	.03	.03	.03	.04	.03	.04	.03	.04	.028	23	.04
23	.03	.03	.03	.03	.04	.04	.04	.05	.04	.05	.04	.04	.04	.04			.02	.02	.02	.02	.02	.02	.03	.03	.033	22	.05
24	.03	.03	.04	.04	.04	.03	.03	.03	.04	.05	.05	.04	.04	.03			.05	.05	.05	.05	.05	.05	.05	.05	.042	23	.06
25	.06	.05	.05	.05	.04	.04	.04	.04	.05	.05	.05	.05	.04	.04		.04	.04	.04	.03	.03	.03	.03	.03	.02	.040	22	.06
26	.02	.03	.03	.03	.03	.03	.03	.04	.03	.02	.02	.02	.02	.02		.03	.04	.04	.04	.04	.04	.04	.04	.04	.030	23	.04
27	.04	.04	.04	.04	.04	.04	.03	.04	.04			.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.034	22	.05
28*	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04		.03	.03		.04	.04	.04	.04	.04	.03	.05	.05	.05	.036	22	.05
29*	.05	.05	.05	.05	.05	.03	.03	.04	.04	.04	.04	.04			.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.036	22	.05
30	.03	.03	.02	.02	.02	.02	.02	.03	.02	.03	.03	.03	.02	.01		.02	.02	.02	.02	.02	.02	.01	.01	.01	.020	23	.03
MEAN																											
NO.	13	13	13	13	13	13	13	13	13	11	11	12	12	12	3	10	12	13	13	13	13	13	13	13		691	
MAX.	.06	.05	.05	.05	.05	.04	.04	.05	.05	.05	.05	.05	.04	.04	.03	.05	.05	.05	.05	.05	.05	.05	.05	.05	.042		.06

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-204.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

NITROGEN DIOXIDE
DEC. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01		.00	.01		.03	.03	.03	.03	.03	.03	.03	.03	.016	22	.03
2	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.04	.04	.032	23	.05
3	.04	.04	.03	.03	.03	.03	.04	.04	.05	.04	.04	.04	.04	.05		.03	.04	.04	.04	.03	.03	.03	.03	.03	.036	23	.05
4	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.04	.03	.03	.03		.03	.04	.04	.04	.04	.03	.03	.03	.03	.034	23	.04
5*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.04	.04	.04	.04	.03	.032	22	.05
6*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.04
7	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.04	.03	.04	.04	.03	.04	.04	.032	22	.04
8	.04	.03	.04	.04	.04	.05	.03	.03	.04	.04	.03	.03	.03	.03		.03	.03	.04	.04	.03	.04	.04	.04	.03	.035	23	.06
9	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.029	23	.04
10	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.05	.07	.08	.10		.11	.09	.07	.06	.06	.06	.06	.04	.04	.093	23	.12
11	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05		.04	.04	.04			.02	.03	.02	.02	.02	.02	.01	.02	.032	21	.05
12*	.02	.02	.01	.02	.02	.01	.02	.02	.03	.03	.04	.03	.05	.03		.03	.03	.04	.03	.03	.03	.04	.03	.03	.027	23	.05
13*	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.04	.04	.03		.03	.03	.03	.03	.03	.03	.03	.02	.02	.029	23	.04
14	.02	.02	.01	.01	.01	.02	.02	.02	.02		.02	.02					.03	.03	.04	.04	.03	.03	.03	.04	.024	19	.04
15	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	23	.03
16	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.04
17	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.04	.03	.04	.03	.03	.030	23	.04
18	.02	.02	.02	.01	.01	.01	.02	.02	.02			.04	.03	.02		.02		.04	.04	.04	.03	.03	.03	.03	.025	20	.05
19*	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.04	.04	.04	.04	.03	.03	.03	.03	.031	22	.04
20*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.02	.02	.02	.028	23	.03
21	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04		.05	.06	.05	.05	.03	.03	.03	.03	.03	.032	23	.06
22	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.04			.05	.05	.06	.06	.05	.05	.05	.04	.040	22	.07
23	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02		.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.028	23	.04
24	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.03	.03	.02		.021	22	.03
25																											
26*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02			.03	.03	.03	.03	.03	.02	.02	.02	.022	22	.04
27*																											
28																											
29	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.02	.02	.026	23	.04
30	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.03	.03	.03	.03		.03	.03	.04	.04	.05	.05	.05	.05	.05	.032	23	.06
31	.06	.06	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02		.02	.02	.03	.02						.031	18	.06
MEAN	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.030		
NO.	28	28	28	28	28	28	28	28	28	26	26	28	26	26	2	20	27	28	28	27	27	27	27	26		623	
MAX.	.06	.06	.04	.04	.04	.05	.04	.04	.05	.05	.05	.07	.08	.10	.03	.11	.09	.07	.06	.06	.06	.06	.05	.05	.093		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-205.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX.
1	.19	.20	.16	.18	.18	.21	.20	.16	.12	.10	.08	.06	.07	.07	.08	.07	.09	.13	.36	.32	.08	.14	.05	.11	.141	24	.46
2	.14	.11	.06	.06	.07	.06	.07	.07	.07	.05	.07	.04	.04	.04	.04	.05	.24	.30	.35	.31	.17	.14	.40	.39	.138	24	.46
3	.33	.43	.69	.56	.37	.52	.39	.37	.44	.30	.29	.58			.42	.52	.42	.69	.57	.34	.23	.35	.29	.38	.430	22	.81
4*	.25	.10	.05	.04	.06	.02	.05	.06	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.029	24	.31
5*	.00	.00	.00	.00	.01	.02	.09	.10	.15	.21	.21	.16	.00	.00		.00	.00	.00	.04	.12	.22	.25	.32	.36	.097	23	.48
6	.39	.45	.46	.48	.32	.27	.14	.04	.08	.03	.25	.10	.02	.13		.17	.37	.23	.22	.34	.23	.27	.22	.12	.231	23	.63
7	.00	.00	.00	.00	.00	.00	.01	.04	.13	.11	.03	.00	.00	.00		.00	.00	.00	.05	.06	.02	.01	.02	.01	.021	23	.21
8	.01	.00	.01	.02	.03	.05	.12	.40	.37	.27	.34	.25	.11	.07		.00	.01	.00	.06	.21	.20	.23	.28	.31	.136	23	.42
9	.28	.24	.16	.15	.18	.26	.21	.29	.26		.09	.06	.04				.13	.19	.50	.45	.59	.33	.18	.07	.232	20	.82
10	.07	.03	.01	.00	.03	.02	.04	.04	.03	.02	.01	.01	.02			.01	.00	.00	.00	.00	.00	.00	.01	.02	.017	22	.09
11*	.00	.00	.01	.02	.01	.01	.03	.09	.07	.05	.03	.00	.01	.01	.01	.02	.02	.02	.02	.04	.06	.04	.08	.17	.032	24	.21
12*	.11	.07	.04	.02	.01	.01	.00	.00	.00	.00	.01	.03	.01	.02	.02	.02	.03	.05	.10	.10	.09	.08	.08	.07	.040	24	.13
13	.07	.05	.04	.07	.11	.10	.10				.08	.05	.04	.03	.02	.03	.02	.02	.02	.01	.02	.02	.03	.04	.045	21	.13
14	.05	.04	.04	.05	.05	.04	.05	.06	.07	.05	.04	.04	.04	.04	.02	.03	.04	.06	.06	.07	.11	.12	.11	.10	.058	24	.14
15	.07	.10	.09	.07	.06	.08	.19	.14	.24	.18	.09	.08	.09	.09	.07	.09	.08	.13	.27	.38	.42	.32	.32	.32	.165	24	.48
16	.32	.29	.40	.41	.43	.54	.44	.57	.55	.47	.41	.38	.07		.07	.08	.11	.21	.39	.30	.36	.35	.36	.44	.344	23	.70
17	.35	.23	.23	.32	.49	.36	.35	.25	.17	.14	.11	.08	.08	.08	.06	.04	.03	.06	.07	.11	.18	.25	.17	.22	.183	24	.57
18*	.46	.22	.26	.26	.27	.35	.39	.43	.57	.64	.73	.56	.48	.47	.40	.45	.35	.26	.37	.25	.29	.27	.21	.26	.373	24	.92
19*	.47	.33	.32	.24	.24	.28	.30	.31	.35	.37	.47	.35	.24	.20	.14	.12	.09	.08	.17	.16	.17	.16	.16	.11	.235	24	.51
20	.14	.28	.34	.12	.09	.16	.13	.19	.16	.20	.14	.16	.26	.32	.30	.17	.15	.14	.07	.06	.05	.04	.04	.04	.156	24	.60
21	.04	.04	.04	.03	.03	.04	.05	.03	.03	.03	.04	.03	.03	.04	.04	.04	.07	.15	.20	.25	.21	.21	.12	.11	.078	24	.32
22	.11	.10	.15	.12	.12	.11	.06	.11	.09	.06	.06	.06	.06			.07	.07	.06	.08	.11	.12	.13	.18	.23	.102	22	.25
23	.28	.28	.25	.42	.44	.39	.32	.36	.42	.35	.40	.32	.37	.22	.10	.13	.10	.13	.19	.23	.15	.12	.11	.08	.257	24	.49
24	.15	.29	.29	.29	.14	.18	.32	.33	.38	.37	.34	.32	.32	.34	.24	.27	.24	.28	.33	.34	.29	.24	.24	.23	.281	24	.43
25*	.13	.09	.04	.05	.09	.06	.04	.05	.05	.04	.03	.04	.03	.03			.04	.04	.03	.03	.03	.04	.06	.05	.048	22	.21
26*	.03	.05	.12	.20	.28	.17	.23	.18	.84	.57	.37	.40	.30			.13	.03	.04	.05	.05	.06	.06	.05	.06	.219	221	1.00
27	.09	.09	.10	.14	.10	.12	.17	.34	.19	.11	.06	.06	.06	.05											.119	14	.50
28																											
29	.05	.05	.06	.06	.06	.07	.06	.08	.09	.06	.06	.06	.06	.06	.08	.07		.09	.07	.08	.10	.11	.19	.33	.085	23	.60
30	.48	.41	.60	.32	.12	.14	.18	.11	.14	.11	.09	.06	.06	.05	.03	.04	.05	.06	.08	.08	.11	.08	.08	.11	.149	24	.79
31	.11	.11	.12	.12	.13	.21	.21	.20	.16	.20				.21	.10	.22	.10	.09	.10	.11	.23	.24	.20	.16	.157	21	.32
MEAN	.16	.15	.17	.16	.15	.16	.16	.20	.21	.18	.17	.15	.10	.11	.11	.10	.10	.12	.17	.17	.17	.16	.16	.17	.154		
NO.	30	30	30	30	30	30	30	29	29	28	29	29	28	24	20	27	28	29	29	29	29	29	29	29		684	
MAX.	.48	.45	.69	.56	.49	.54	.44	.78	.84	.64	.73	.58	.48	.47	.42	.52	.42	.69	.57	.45	.59	.35	.40	.46	.430		1.00

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-206.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

SULFUR DIOXIDE
FEB. 1964

CONCENTRATION IN PPM
CONDUCTIOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.11	.16	.15	.16	.19	.18	.20	.22	.19	.16	.12	.10	.06	.07	.08	.07	.09	.09	.06	.06	.05	.05	.04	.04	.111	24	.26
2*	.03	.03	.02	.02	.02	.03	.02	.02	.01	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.03	.03	.022	24	.07
3	.02	.02	.02	.01	.01	.01	.02	.04	.04	.05	.05	.04	.04		.03	.02		.03	.03	.04	.04	.05	.08	.08	.034	22	.09
4	.10	.09	.06	.12	.09	.09	.10	.13	.11	.09	.04	.07	.07	.08	.06	.06	.06	.07	.10	.17	.18	.14	.21	.27	.106	24	.34
5	.22	.20	.18	.22	.44	.51	.24	.10	.07		.07	.06	.06	.05	.05	.06	.05	.06	.09	.10	.11	.11	.19	.18	.148	23	.64
6	.25	.50	.43	.32	.21	.24	.22	.27	.20	.18			.19	.29	.16	.08	.10	.15	.35	.33	.15	.04	.04	.04	.215	22	.57
7	.04	.04	.07	.07	.07	.08	.07	.09	.07	.07	.07	.07	.05	.06	.05	.05	.05	.07	.12	.10	.08	.04	.04	.05	.063	24	.16
8*	.05	.04	.04	.04	.04	.04	.04	.06	.04	.03	.04		.08	.04	.05	.05	.05	.06	.05	.06	.06	.06	.07	.08	.049	23	.14
9*	.06	.06	.06	.06	.07	.06	.07	.08	.07	.04	.04	.03	.04	.04	.04	.05	.04	.05	.07	.09	.10	.10	.08	.11	.063	24	.15
10	.14	.17	.18	.17	.18	.18	.18	.19	.22	.23	.24	.14	.08	.07	.07	.07	.08	.07	.08	.12	.17	.23	.26	.26	.156	24	.33
11	.18	.24	.35	.30	.26	.19	.26	.30	.22	.20	.22	.18	.14	.13	.09	.10	.11	.10	.08	.09	.09	.09	.09	.09	.170	24	.38
12	.10	.10	.10	.10	.10	.09	.10	.11	.12	.11	.10	.10	.08	.07	.06	.06	.07	.09	.12	.12	.12	.15	.17	.21	.106	24	.22
13	.15	.18	.14	.20	.29	.28	.30	.49	.53	.42	.21	.14	.11	.18	.16			.27	.10	.15	.22	.29	.16	.13	.234	22	.59
14	.12	.10	.09	.10	.16	.15	.13	.11	.11	.08	.06	.05	.05	.05	.04	.05	.03	.04	.04	.04	.07	.10	.07	.06	.078	24	.20
15*	.06	.08	.12	.07	.08	.10	.10	.15	.14	.08	.06	.06	.06	.14	.16	.14	.06	.06	.07	.08	.09	.11	.09	.08	.093	24	.22
16*	.07	.11	.13	.10	.07	.04	.05	.07	.07	.07	.07		.05	.05	.05	.05	.04	.04	.04	.04	.05	.04	.05	.04	.060	23	.16
17	.04	.05	.05	.04	.05	.05	.04	.06	.07	.07	.07	.07	.06	.05	.06	.09	.14	.15	.13	.08	.09	.08	.22	.43	.084	24	.26
18	.25	.28	.42	.21	.30	.22	.20	.18	.20	.21	.24	.16	.23	.15		.15	.17	.13	.12	.15	.17	.12	.07	.06	.189	23	.50
19	.06	.07	.06	.06	.05	.06	.07	.09	.08	.08	.10	.09	.09	.08	.08	.07	.07	.09	.12	.13	.11	.11	.10	.10	.084	24	.14
20	.11	.09	.10	.07	.05	.06	.07	.08	.08			.06		.09	.05	.03	.03	.05	.07	.07	.06	.06	.05	.06	.065	21	.15
21	.06	.08	.09	.06	.11	.10	.11	.08	.05	.03	.05	.06	.04	.04	.04	.04	.04	.05	.07	.07	.07	.07	.06	.05	.062	24	.14
22*	.05	.06	.05	.05	.06	.10	.08	.09	.08	.07	.06	.06	.05	.06	.05	.04	.04	.05	.05	.11	.09	.10	.12	.11	.069	24	.15
23*	.11	.11	.09	.12	.09	.07	.10	.09	.07	.09	.07	.07	.06	.07	.05	.05	.05	.06	.07	.10	.15	.15	.14	.27	.095	24	.31
24	.30	.31	.28	.34	.52	.33	.35	.52	.49	.45	.51	.21	.08	.06	.06	.05	.05	.05	.06	.06	.06	.07	.09	.10	.225	24	.63
25	.13	.15	.14	.11	.14	.16	.21	.16	.14	.24	.29	.13	.08	.08	.09	.10	.10	.08	.10	.12	.14	.19	.22	.25	.147	24	.38
26	.24	.18	.35	.35	.35	.30	.37	.47	.42	.48	.45	.40	.27	.25	.20	.25	.17	.09	.09	.13	.11	.08	.04	.05	.293	24	.67
27	.04	.07	.06	.07	.09	.11	.10	.10	.06	.05	.05		.05	.05	.05	.05	.05	.05	.06	.06	.07	.07	.13	.09	.088	23	.21
28	.15	.13	.15	.15	.17	.24	.32	.40	.36	.19	.08	.07	.05	.11	.16	.15	.06	.04	.07	.09	.08	.07	.08	.05	.141	24	.48
29*	.07	.06	.07	.06	.08	.08	.08	.06	.05	.04	.04		.04	.04	.03	.03	.04	.06	.10	.16	.19	.22	.37	.48	.098	23	.41
MEAN	.11	.13	.14	.13	.15	.14	.14	.16	.15	.14	.13	.10	.08	.09	.07	.07	.07	.08	.09	.10	.10	.10	.12	.12	.113		
NO.	29	29	29	29	29	29	29	29	29	27	27	24	28	28	28	28	27	29	29	29	29	29	29	29		681	
MAX.	.30	.50	.43	.35	.52	.51	.37	.56	.53	.48	.51	.40	.27	.29	.20	.25	.17	.27	.35	.33	.22	.29	.37	.48	.293		.67

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-207.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

SULFUR DIOXIDE
MARCH 1964

*CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.36	.36	.28	.28	.43	.34	.32	.37	.35	.32	.14			.27	.28	.19	.28	.33	.34	.25	.27	.23	.24	.34	.305	22	.72
2	.31	.35	.59	.33	.29	.30	.34	.40	.31	.20	.10	.06	.08	.05	.05	.04	.06	.05	.06	.09	.17	.11	.12	.13	.188	24	.69
3	.08	.10	.11	.15	.19	.22	.23	.23	.26	.21	.22	.34	.20	.14		.12	.16	.13	.12	.12	.15	.14	.25	.45	.188	23	.49
4	.44	.35	.36	.36	.29	.27	.30	.36	.21						.05	.06	.05	.03	.07	.08	.12	.10	.07	.08	.188	19	.52
5	.08	.06	.04	.06	.06	.05	.06	.05	.05	.03	.05	.02	.07	.17	.23	.24	.15	.14	.01	.01	.01	.01	.01	.02	.069	24	.31
6	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.02	.01	.01	.02	.02	.02	.03	.03	.06	.04	.14	.18	.030	24	.20
7*	.13	.17	.12	.06	.08	.11	.06	.05	.09	.04	.06	.02	.06	.15	.14	.09									.090	16	.22
8*											.05		.02	.02	.02	.02	.02	.01	.02	.03	.05	.04	.03	.03	.028	13	.09
9	.06	.07	.10	.18	.11	.18	.13	.22	.36	.24	.28	.14	.39	.39	.18	.19	.22	.28	.19	.05	.03	.04	.06	.04	.171	24	.50
10	.08	.10	.11	.17	.27	.23	.14	.25	.27	.24	.26	.28	.19	.02	.03	.03	.04	.04	.02	.01	.01	.02	.02	.02	.117	24	.30
11	.01	.01	.00	.00	.00	.01	.01	.02	.01	.01	.01	.01		.02	.02	.01	.01		.21						.021	17	.41
12																											
13																											
14*																											
15*																											
16																											
17																											
18											.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	14	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.00	.00	.03	.08	.04	.01	.01	.00	.008	24	.11
21*	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02	.04	.02	.04	.02	.01	.03	.00	.00	.00	.00	.00	.00	.00	.002	24	.07
22*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.03	.04	.04	.04	.04	.05	.05	.06	.06	.05	.06	.06	.027	22	.07
23	.06	.08	.09	.08	.09	.10	.08	.06	.05	.05	.05			.05	.04	.05	.05	.05	.06	.07	.07	.09	.15	.18	.074	22	.28
24	.14	.15	.21	.18	.17	.18	.27	.44	.35	.34			.05	.05	.03	.03	.04	.03	.05	.06	.07	.06	.04	.04	.136	22	.50
25	.06	.08	.23	.23	.16	.24	.32	.36	.33	.22	.25	.24	.14	.09	.14	.16	.15	.18	.15	.11	.09	.19	.11	.04	.176	24	.49
26	.03	.03	.03	.03	.02	.03	.04	.07	.04	.03	.11	.12	.05	.09	.06	.04	.01	.02	.02	.02	.02	.02	.02	.02	.040	24	.20
27	.02	.02	.02	.02	.03	.03	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.07	.08	.05	.030	24	.10
28*	.06	.07	.05	.07	.10	.12	.08				.04	.04	.04	.04	.04	.04	.04	.03	.03	.06	.03	.04	.07	.10	.056	21	.16
29*	.08	.06	.05	.07	.06	.08	.07	.07	.07	.04	.03	.03	.03	.03				.02	.02	.02	.02	.03	.03	.04	.044	21	.11
30	.03	.03	.03	.03	.04	.06	.05	.04	.04					.03	.03	.03	.03	.04	.04	.05	.05	.04	.04	.03	.038	20	.08
31	.03	.04	.04	.03	.04	.04	.06	.05	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.06	.06	.042	24	.08
MEAN	.09	.10	.10	.10	.10	.11	.11	.14	.13	.10	.08	.08	.07	.07	.06	.06	.06	.07	.07	.06	.06	.06	.07	.08	.085		
NO.	23	23	23	23	23	23	23	22	22	20	21	18	20	24	23	24	23	23	24	23	23	23	23	23		540	
MAX.	.94	.56	.59	.36	.43	.34	.34	.44	.36	.34	.28	.34	.39	.39	.28	.24	.28	.33	34	.25	.27	.23	.25	.45	.305		.72

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-208.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

/

CONCENTRATION IN PPM
CONDUCTIOMETRIC ANALYSIS

PHILADELPHIA, PA.

SULFUR DIOXIDE
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.16	.15	.08												.02	.02	.03	.02	.02	.05	.07	.09	.10	.10	.070	13	.19
2	.11	.09	.13	.20	.22	.19	.28	.40	.37	.14	.07	.06	.05	.05	.05	.08	.04	.04	.03	.04	.05	.05	.04	.05	.117	24	.45
3	.05	.07	.08	.27	.25	.26	.18	.31	.20	.16	.07	.08	.04	.07	.08	.06	.04	.02	.02	.03	.04	.05	.04	.04	.107	24	.40
4*	.03	.03	.02	.03	.03	.02	.02	.03	.03	.03	.04	.03	.03	.02	.02	.02	.02	.03	.03	.03	.04	.06	.06	.08	.031	24	.09
5*	.06	.05	.05	.05	.04	.05	.04	.04	.03	.05	.16	.11	.03		.13	.16	.15	.16	.12	.08	.08	.07	.06	.08	.080	23	.21
6	.10	.10	.11	.13	.11	.14	.13	.11	.09	.09	.10	.06	.07	.06	.07	.09	.11	.25	.26	.22	.15	.14	.15	.26	.129	24	.30
7	.20	.16	.24	.25	.16	.21	.14	.12	.29	.32	.51	.51	.22	.19	.15	.10	.13	.15	.18	.16	.17	.12	.10	.07	.201	24	.63
8	.05	.10	.15	.23	.29	.26	.40	.33	.31	.26	.42	.31	.11	.16	.09	.04	.05	.06	.06	.07	.06	.05	.05	.04	.154	24	.48
9	.04	.03	.04	.05	.04	.06	.06	.07	.05	.04	.04	.05	.05	.04					.05	.06	.07	.09	.10	.10	.055	20	.12
10	.11	.08	.09	.13	.15	.18	.23	.25	.10	.07	.05	.05	.04	.05	.10	.07	.06	.14	.08	.09	.24	.25	.22	.17	.125	24	.33
11*	.12	.09	.08	.08	.10	.10	.09	.07	.05	.03	.11	.08	.03	.03	.04	.08	.09	.10	.13	.05	.05	.05	.03	.04	.070	24	.20
12*	.08	.11	.13	.11	.14	.13	.17	.22	.24	.12	.04	.03	.03	.03	.03	.03	.02	.03	.03	.03	.05	.03	.05	.06	.080	24	.29
13	.10	.17	.25	.17	.15	.16	.23	.36	.31	.24	.09	.08	.03	.03	.03	.03	.03	.07	.06	.12	.14	.17	.07	.08	.131	24	.42
14	.06	.05	.03	.04	.03	.06	.06	.07	.06	.05	.05	.04	.06	.05	.04	.04	.03	.04	.03	.04	.04	.05	.04	.03	.045	24	.09
15	.04	.09	.04	.04	.05	.05	.08	.11	.08	.27	.41	.16	.12	.20			.15	.21	.10	.07	.14	.07	.04	.03	.117	22	.59
16	.03	.04	.04	.03	.03	.04	.07	.05	.05	.04	.05	.05	.04	.05	.03			.02	.03	.04	.05	.19	.27	.25	.067	22	.31
17	.24	.32	.30	.16	.16	.09	.12	.29	.23	.26	.28	.22	.23	.20	.20	.14	.16	.21	.32	.29	.41	.37	.16	.13	.224	24	.50
18*	.07	.21	.23	.24	.26	.23	.21	.18	.11	.07	.03	.04	.03	.02	.05	.02	.02	.02	.03	.07	.16	.18	.05	.05	.107	24	.35
19*	.03	.03	.03	.04	.04	.03	.03	.02	.02	.03	.07	.08	.06	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.030	24	.11
20	.02	.02	.02	.02	.02	.03	.03	.05	.06	.06	.05	.07	.09	.07	.07	.05	.06	.05	.07	.10	.10	.08	.05	.05	.053	24	.15
21	.04	.06	.04	.02	.04	.03	.09	.12	.12	.10	.11	.09	.08	.11	.09	.09	.05	.06	.04	.03	.04	.04	.04	.04	.066	24	.19
22	.04	.04	.04	.03	.06	.06	.06	.08	.12	.17	.17	.16	.11	.18	.16	.17	.10	.09	.12	.18	.17	.26	.18	.13	.119	24	.33
23	.09	.05	.06	.07	.05	.04	.07	.09	.06	.04					.03	.04	.03	.03	.03	.04	.05	.13	.27	.21	.073	20	.35
24	.15	.08	.07	.10	.04	.04	.05	.03			.03	.02	.03	.02	.03	.02	.02	.02	.01	.01	.02	.03	.03	.03	.040	22	.22
25*																											
26*																											
27	.08	.15	.16	.21	.25	.24	.29	.37	.23	.19	.08	.07	.05	.08	.08	.09	.08	.06	.03	.03	.04	.05	.04	.06	.125	24	.45
28	.07	.05	.06	.04	.04	.05	.05	.10						.03	.03	.03	.02	.01	.03	.04	.05	.03	.13	.03	.046	19	.18
29	.02	.02	.03	.02	.02	.04	.04	.08	.14	.13	.13	.17	.15	.17	.20	.18	.18	.17	.18	.20	.18	.23	.18	.08	.122	24	.27
30	.10	.07	.05	.06	.12	.16	.16	.16	.07	.11	.19	.13	.14	.13	.11	.11	.08	.08	.08	.10	.08	.10	.07	.06	.104	24	.22
MEAN	.08	.09	.09	.10	.11	.11	.12	.15	.14	.12	.13	.11	.08	.08	.08	.07	.07	.08	.08	.08	.10	.11	.09	.08	.097		
NO.	28	28	28	27	27	27	27	27	25	25	25	25	25	25	26	25	26	27	28	28	28	28	28	28		641	
MAX.	.24	.32	.30	.27	.29	.26	.40	.40	.37	.32	.51	.51	.23	.20	.20	.18	.18	.25	.32	.29	.41	.37	.27	.26	.224		.63

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-209.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.05	.06	.06	.07	.06	.07	.08	.08	.10	.16	.15	.11	.12	.18	.11	.10	.08	.05	.05	.12	.11	.11	.14	.12	.097	24	.24
2*	.06	.04	.04	.04	.05	.04	.04	.06	.07	.08	.07	.05	.04	.04	.04	.03	.03	.03	.08	.08	.04	.08	.06	.05	.090	24	.12
3*	.04	.05	.04	.04	.05	.08	.10	.09	.08	.17	.12	.12	.03	.02	.03	.04	.02	.01	.01	.01	.04	.08	.09	.11	.060	24	.27
4	.11	.17	.17	.16	.16	.16	.16		.25	.31	.25	.16	.07	.06	.08	.04	.07	.09	.07	.07	.07	.07	.06	.06	.124	23	.43
5	.09	.12	.14	.17	.20	.23	.24	.25	.30	.36	.22	.11	.09	.11	.04	.03	.02	.02	.01	.02	.01	.07	.10	.08	.126	24	.46
6	.10	.08	.07	.07	.09	.10	.15	.15	.15					.03	.05	.03	.04	.04	.04	.03	.05				.074	17	.22
7											.21	.19	.15	.22	.14	.19	.24	.23	.26	.33	.27	.20	.18	.13	.211	14	.41
8	.14	.23	.22	.30	.23	.23	.32	.32	.30	.22	.06	.03	.02	.01	.02	.02	.02	.02	.19	.24	.21	.49	.53	.30	.202	24	.64
9*	.23	.34	.37	.32	.45	.48	.42	.39	.47	.34	.22	.06	.03	.01	.01	.01	.00	.00	.00	.00	.00	.01	.00	.00	.165	24	.72
10*	.00	.00	.00	.00	.00	.02	.00	.01					.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.04	.006	20	.06
11	.03	.02	.02	.03	.03	.03	.03	.05	.01	.02	.02	.01	.00	.01	.01	.01	.01	.01	.01	.01	.02	.03	.06	.06	.022	24	.16
12	.04	.04	.05	.10	.05	.09	.12	.19	.37	.34	.16	.31	.09	.16	.18	.20	.07	.03	.03	.10	.10	.04	.03	.08	.120	24	.60
13	.10	.06	.06	.13	.14	.23	.36	.36	.33	.29	.11	.10	.06	.10	.09	.08	.04	.03	.03	.03	.08	.04	.03	.05	.120	24	.46
14	.03	.03	.04	.04	.03	.01	.03	.04	.05	.03	.02	.02	.02	.01	.00	.01	.00	.00	.00	.00	.00	.00	.01	.01	.017	24	.06
15	.00	.02	.03	.00	.01	.02	.03	.09	.05	.03	.02	.00	.00	.02	.06	.02	.01	.01	.02	.03	.02	.03	.04	.06	.022	24	.12
16*	.12	.12	.19	.20	.14	.23	.21	.16	.29	.23	.17	.15	.12	.10	.06	.07	.07	.10	.06	.02	.01	.07	.11	.20	.133	24	.35
17*	.35	.42	.19	.10	.07	.04	.04	.05	.04	.02		.04	.01	.01	.01	.01	.01	.00	.01	.00	.01	.02	.02	.01	.064	23	.54
18	.02	.02	.04	.08	.17	.19	.13	.04	.06	.04	.03	.02	.03	.06	.00	.00	.00	.00	.01	.01	.02	.07	.06	.04	.047	24	.28
19	.04	.05	.06	.06	.18	.26	.17	.20	.30	.25	.22	.16	.15	.14	.12	.14	.18	.19	.22	.15	.19	.22	.26	.35	.177	24	.44
20	.18	.03	.01	.01	.01	.01	.02	.02	.01							.00	.00	.00	.00	.00	.00	.00	.00	.00	.017	18	.29
21	.00	.00	.01	.00	.00	.01	.02	.04	.13	.08	.04	.07	.11	.08	.07	.08	.06	.09	.08	.07	.03	.02	.05	.08	.050	24	.15
22	.13	.16	.22	.22	.18	.24	.28	.29	.26		.21	.21	.18	.15	.14	.14	.18	.20	.16	.29	.32	.39	.32	.22	.236	23	.72
23*	.13	.06	.05	.05	.04	.09	.12	.15	.10	.05	.02	.03	.02	.01	.01	.01	.01	.01	.05	.08	.11	.30	.37	.35	.092	24	.46
24*	.21	.15	.10	.08	.40	.25	.25	.22	.22	.19	.05	.01	.01	.04	.05	.08	.09	.10	.16	.19	.34	.50	.31	.27	.178	24	.62
25	.14	.03	.02	.01	.00	.02	.02	.01	.00	.01	.01	.01	.00	.01	.00	.00	.00	.00	.00	.02	.02	.03	.03	.04	.017	24	.29
26	.07	.05	.05	.03	.02	.04	.05	.06		.02	.01	.01	.01	.01	.01	.08	.12	.09	.13	.17	.22	.23	.19	.31	.083	23	.40
27	.25	.26	.27	.31	.29	.39	.26	.09				.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.00	.00	.00	.109	21	.44
28	.01	.03	.03	.02	.06	.03	.03	.02	.02	.01	.02	.01	.02	.01	.01	.01	.00	.01	.02	.00	.00	.01	.02	.01	.015	24	.04
29	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.01	.00	.01	.004	24	.02
30*	.00	.01	.00	.00	.01	.02	.02	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02	.01	.03	.05	.05	.013	24	.08
31*	.07	.11	.18	.13	.11	.06	.06	.06	.04	.04	.08	.16	.08	.04	.02	.01	.01	.01	.01	.00	.02	.03	.02	.04	.057	24	.20
MEAN	.09	.09	.09	.09	.11	.12	.13	.14	.14	.13	.10	.08	.09	.06	.05	.05	.05	.04	.06	.07	.08	.11	.11	.10	.086		
NO.	30	30	30	30	30	30	30	29	27	25	26	28	29	30	30	31	31	31	31	31	31	30	30	30		710	
MAX.	.35	.42	.37	.32	.45	.48	.42	.32	.37	.36	.25	.31	.18	.22	.18	.20	.24	.23	.26	.33	.32	.50	.53	.35	.236		.72

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-210.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

SULFUR DIOXIDE
JUNE 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX.
1	.05	.06	.06	.07	.15	.21	.15	.28	.16	.15	.20	.14	.04	.05	.07	.04	.02	.03	.05	.06	.07	.06	.06	.06	.096	24	.43
2	.04	.03	.06	.04	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.01	.02	.02	.05	.02	.07	.05	.03	.16	.22	.044	24	.33
3	.27	.24	.24	.27	.24	.16	.26	.30	.22	.11		.04	.02	.03	.10	.05	.02	.02	.02	.02	.01	.03	.02	.02	.116	23	.39
4	.02	.03	.02	.02	.07	.05	.04	.04				.00	.00			.04	.03	.03	.02	.02	.02	.03	.06	.05	.031	19	.12
5	.02	.01	.01	.01	.02	.01	.02	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.02	.05	.11	.08	.04	.022	24	.16
6*	.04	.04	.10	.14	.16	.09	.04	.07	.06	.05	.04	.06	.03	.02	.02	.02	.02	.03	.05	.03	.03	.03	.02	.01	.050	24	.18
7*	.02	.02	.04	.10	.22	.21	.28	.25	.17	.11	.11	.11	.08	.08	.02	.03	.01	.00	.01	.01	.00	.00	.01	.00	.078	24	.39
8	.07	.17	.10	.10	.10	.11	.18	.22	.19	.13	.06	.03	.05	.03	.02	.02	.02	.17	.06	.05	.07	.09	.15	.12	.097	24	.33
9	.11	.07	.06	.07	.09	.09	.22	.27	.49	.14	.06	.09	.05	.04	.06	.03	.03	.02	.02	.04	.03	.04	.05	.03	.090	24	.69
10	.02	.02	.03	.06	.17	.30	.39	.35	.48	.33	.22	.04	.03	.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.02	.109	24	.57
11	.01	.01	.01	.01	.01	.01	.01	.01							.00	.01	.00	.00	.02	.01	.01	.02	.07	.11	.018	18	.13
12																											
13*																											
14*										.10	.11	.05	.06	.12	.13	.16	.24	.15	.28	.08	.36	.18	.03	.01	.135	15	.56
15																											
16	.01	.01	.00	.01	.02	.01	.01	.00	.01	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.01	.02	.01	.02	.01	.007	24	.04
17	.02	.03	.02	.01	.02	.02	.02	.01	.02	.03	.02						.02	.01	.01	.01	.02	.02	.03	.03	.019	19	.04
18																											
19																											
20*																											
21*																											
22																											
23																											
24																											
25																											
26																											
27*																											
28*																											
29																											
30																											
MEAN	13	13	13	13	13	13	13	13	11	12	11	12	12	11	12	13	14	14	14	14	14	14	14	14		310	
NO.	27	24	24	27	24	30	39	35	49	33	22	14	08	12	13	16	24	17	28	08	36	18	16	22	.135		.69
MAX.																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-211.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1																											
2	.12	.12	.12	.17	.07	.07	.10	.11	.24	.33	.34	.18	.21	.13	.06	.09	.10	.18	.10	.03	.05	.26	.27	.30	.154	24	.47
3	.44	.40	.24	.18	.20	.35	.45	.30	.20	.04	.14	.17		.11	.09	.04	.17	.16	.17	.03	.05	.17	.03	.03	.180	23	.67
4*	.01	.04	.01	.01	.01	.01	.02	.03	.01	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.012	24	.08
5*	.00	.01	.02	.02	.01	.02	.02	.01	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	23	.03
6																											
7																											
8																											
9																											
10																											
11*																											
12*												.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	13	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.01	.01	.01	.01	.003	24	.04
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.01	.01	.01	.00	.00	.00	.003	24	.04
15	.00	.00	.00	.00	.00	.00	.00	.00						.00	.00	.00	.00	.00	.00	.00	.03	.11	.18	.10	.022	19	.35
16																											
17								.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.00	.01	.01	.00	.00			.006	15	.03
18*																											
19*																											
20																											
21																											
22																											
23																											
24	.02	.02	.03	.06	.04	.04	.07	.05	.10	.09	.04	.06	.07	.09	.13	.08	.06	.05	.04	.04	.05	.05	.04	.04	.055	24	.20
25*																											
26*																											
27																											
28	.00	.02	.02	.01	.01	.01	.02	.02	.00	.01	.02	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.006	24	.03
29	.02	.00	.01	.02	.01	.00	.00	.00	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.04	.01	.00	.00	.00	.007	24	.14
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
31																											
MEAN																											
NO.	11	11	11	11	11	11	11	12	11	11	10	12	11	13	13	13	13	13	13	13	13	13	12	12		685	
MAX.	.44	.40	.24	.18	.20	.35	.45	.30	.24	.33	.34	.18	.21	.13	.13	.08	.17	.18	.17	.04	.05	.26	.27	.30	.180		.67

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-212.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

SULFUR DIOXIDE
AUG. 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1*	.																										
2*																											
3																											
4	.13	.12	.06	.05	.05	.07	.09	.10	.07	.08	.15	.10	.19	.09	.08	.08	.07	.09	.12	.05	.03	.03	.03	.06	.081	24	.25
5	.16	.38	.50	.25	.18	.16	.16	.20	.22	.22	.08	.08	.12	.06							.26	.09	.19	.17	.192	18	.55
6	.12	.07	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.03	.05	.19	.10	.043	24	.24
7	.19	.10	.11	.11	.29	.23	.19	.22	.24	.29	.27	.09	.03	.08	.05	.04	.03	.03	.04	.03	.06	.04	.03	.03	.117	24	.34
8*	.03	.03	.03	.04	.10	.17	.33	.29	.24	.20	.14	.04	.04	.04	.03	.03	.04	.02	.02	.02	.03	.03	.04	.03	.085	24	.39
9*	.03	.05	.04	.04	.04	.05	.05	.04	.03	.03	.05	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.024	24	.09
10	.05	.05	.03	.03	.03	.05	.14	.13	.10	.19	.09	.05	.03	.03	.03	.04	.03	.02	.02	.03	.03	.03	.04	.06	.094	24	.22
11	.05	.07	.07	.06	.04	.06	.07	.07	.03	.03	.06	.12	.02	.02	.01	.01	.01	.02	.02	.04	.04	.04	.04	.03	.042	24	.20
12	.01	.01	.01	.01	.01	.01	.03	.14	.15	.04	.02	.01					.01	.02	.01	.02	.02	.02	.02	.02	.028	20	.29
13	.02	.01	.02	.03	.05	.04	.05	.05	.02	.02	.02	.02	.02	.03		.03	.03	.02	.02	.02	.03	.04	.03	.03	.028	23	.08
14	.03	.03	.03	.03	.04	.04	.05	.04	.04	.03	.02	.01	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.029	24	.06
15*	.05	.04	.04	.03	.03	.03	.09	.04	.04	.03	.04	.03	.03	.03	.03	.03	.04	.04	.05	.06	.08	.09	.10	.32	.057	24	.40
16*	.18	.17	.21	.11	.10	.10	.08	.15	.29	.33	.14	.06	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.05	.04	.094	24	.46
17	.03	.03	.05	.04	.05	.05	.06	.07	.07	.04	.03	.03	.04	.04	.04	.03	.03	.03	.04	.06	.17	.20	.22	.13	.065	24	.36
18	.06	.06	.10	.08	.07	.09	.20	.10	.08	.05	.03	.04	.03	.04	.03	.04	.06	.12	.25	.11	.06	.04	.04	.06	.075	24	.35
19	.05	.04	.04	.04	.04	.04	.05	.05	.05	.05	.03	.03			.03	.02	.02	.03	.03	.03	.06	.06	.07	.07	.041	22	.08
20	.06	.07	.08	.11	.06	.09	.11	.11	.18	.06	.07	.14	.04	.09	.07		.06	.06	.08	.06	.06	.07	.07	.10	.085	23	.31
21	.15	.13	.13	.10	.10	.09	.10	.08	.09	.10	.19	.22	.17	.10	.11	.10	.09	.09	.06	.07	.07	.08	.08	.07	.107	24	.26
22*																											
23*																											
24																											
25																											
26																											
27																											
28																											
29*																											
30*																											
31																											
MEAN	.08	.08	.09	.07	.07	.08	.10	.11	.11	.10	.08	.06	.05	.04			.03	.04	.05	.04	.06	.05	.07	.08	.068		
NO.	18	18	18	18	18	18	18	18	18	18	18	18	16	16	15	15	17	17	17	17	18	18	18	18		418	
MAX.	.19	.38	.50	.25	.29	.23	.33	.29	.29	.33	.27	.22	.17	.10	.11	.10	.09	.12	.25	.11	.26	.20	.22	.32	.192		.55

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 9, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-213.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

PHILADELPHIA, PA.

SULFUR DIOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1																											
2																											
3																											
4																											
5*																											
6*																											
7																											
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*																											
20*	.03	.11	.06	.07	.06	.06	.08	.08	.06			.03	.03	.03	.02	.04	.03	.03	.03	.03	.05	.06	.04	.03	.049	21	.17
		.03	.04	.04	.07	.09	.05	.08	.10	.06	.08				.04	.04	.04	.04	.04	.07	.07	.06	.06	.06	.096	21	.14
21	.06	.06	.06	.08	.10	.10	.11	.09	.08	.07	.09	.06	.05	.05	.07	.06	.06	.07	.12	.06	.10	.10	.08	.08	.076	24	.15
22	.09	.11	.06	.06	.07	.08	.08	.08	.07	.07	.07	.07	.08	.09	.09	.08	.07	.08	.09	.12	.14	.10	.08	.06	.083	24	.15
23	.06	.06	.06	.06	.07	.08	.08	.09	.06	.05	.06	.06	.07	.07	.07	.08	.07	.07	.08	.10	.10	.10	.10	.10	.074	24	.15
24	.10	.10	.10	.09	.08	.10	.10	.11	.08	.07	.06	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06	.06	.071	24	.13
25	.06	.06	.05	.06	.06	.06	.06	.06	.05	.06	.06	.06	.06	.06	.06	.06	.05	.06	.06	.07	.09	.10	.10	.09	.064	24	.11
26*	.11	.13	.14	.15	.13	.12	.13	.18	.15	.42	.12	.18	.15	.11	.09	.16	.06	.06	.07	.06	.06	.06	.05	.06	.122	24	.50
27*	.07	.06	.06	.06	.07	.06	.07	.07	.06	.05	.09	.13	.07	.05	.06	.11	.07	.07	.09	.13	.13			.12	.089	22	.58
28	.14	.09	.13	.06	.06	.06	.06	.07	.09	.06	.06	.06	.08	.08	.11	.11	.15	.12	.10	.14	.14	.14	.11	.08	.095	24	.40
29	.08	.13	.08	.06	.08	.10	.11	.12	.15			.06					.15	.14	.12	.15	.16	.15	.17	.18	.124	17	.20
30	.15	.12	.09	.09	.10	.11	.12	.11				.05	.05	.05	.05	.04	.05	.05	.05	.06	.08	.10	.11	.14	.084	21	.18
MEAN																											
NO	11	12	12	12	12	12	12	12	11	9	9	10	10	10	11	11	12	12	12	12	12	11	11	12			
MAX	.15	.13	.14	.15	.13	.12	.13	.18	.15	.42	.12	.18	.15	.11	.11	.16	.15	.14	.12	.15	.16	.15	.17	.32	.124	270	.58

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-214.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

SULFUR DIOXIDE
OCT. 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.13	.13	.12	.10	.13	.11	.14	.18	.19			.06	.09	.09	.09	.09	.04	.04	.04	.07	.06	.05	.04	.11	.087	22	.20
2	.18	.18		.16	.18	.17	.16	.19		.15	.15	.08	.09	.09	.09	.13	.16	.15	.15	.12	.11	.10	.06		.133	21	.20
3*		.08	.09	.09	.09	.09	.06	.06	.06	.09	.09	.05	.04	.09	.04	.09	.04	.04	.06	.10					.053	19	.14
4*																											
5	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.023	24	.03
6	.03	.03	.03	.03	.03	.03	.04	.05	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05	.05		.033	24	.07
7	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.02				.02	.02	.02	.02	.03	.04	.04	.06	.04	.031	21	.09
8	.02	.02	.02	.02	.04	.03	.04	.07					.03	.03	.02	.02	.02	.02	.03	.02	.02	.03	.03	.03	.027	20	.09
9	.02	.03	.09	.04	.07	.08				.15	.04	.02	.02	.03	.02	.03	.02	.02	.02	.02	.03	.02	.02	.02	.036	21	.19
10*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	24	.05
11*	.02	.02	.04	.02	.02	.02	.02	.02	.04			.02	.04	.02	.04	.02	.04	.05	.02	.03	.03	.04	.02	.02	.023	22	.12
12	.03	.02	.04	.03	.03	.05	.04	.05	.06	.07	.08	.06	.04	.04	.03	.03	.03	.04	.04	.04	.04	.06	.07	.05	.043	24	.20
13	.04	.05	.03	.03	.03	.04	.05	.05	.04	.04	.03	.03	.02	.05	.02	.02	.02	.02	.04	.02	.03	.03	.03	.05	.034	24	.13
14	.03	.04	.03	.03	.04	.07	.08	.06	.07	.03	.07	.02	.02	.02	.03	.02	.02	.03	.02	.02	.03	.03	.04	.03	.037	24	.21
15	.03	.03	.05	.03	.03	.03	.04	.07	.09	.08	.03	.04	.05	.04	.04	.03	.03	.03	.04	.03	.04	.05	.05	.03	.040	24	.13
16	.04	.04	.06	.03	.03	.03	.12		.03	.02	.05	.05	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03	.02	.02	.036	23	.20
17*	.02	.02	.04	.02	.04	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.03	.02	.02	.02	.02	.03	.02	.02	.02	.022	24	.10
18*	.02	.02	.02	.03	.02	.02	.02	.02	.04	.03	.04	.04	.04	.02	.02	.02	.03	.02	.02	.02	.03	.02	.02	.02	.024	24	.12
19	.00	.01	.02	.01	.04	.02	.01	.01	.03	.01	.00	.00				.00	.00	.02	.01	.00	.00	.00	.00		.009	20	.17
20	.00	.00	.01	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.01	.01	.00	.00	.003	24	.17
21	.00	.00	.00	.00	.00	.02	.00	.02	.01	.01	.01	.02	.02	.02	.02	.00	.00	.00	.00	.00	.02	.00	.00	.08	.010	24	.17
22	.05	.01	.00	.03	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.03	.00	.00	.01	.00	.00	.00	.00	.00	.006	24	.16
23	.03	.00	.00	.00	.00	.02	.02	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.007	24	.17
24*	.01	.00	.00	.00	.00	.01	.04	.01	.01	.00	.00	.00	.02	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.006	24	.13
25*	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01		.00	.00	.00	.00	.00	.00	.01	.02	.02	.01	.02	.01	.008	23	.04
26	.01	.02	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.02	.01	.01	.02	.02	.02	.010	24	.04
27	.02	.02	.01	.01	.01	.01	.01	.07	.06	.04	.03	.04	.08	.04	.05	.02	.01	.02	.02	.02	.02	.03	.04	.04	.030	24	.16
28	.04	.03	.04	.02	.01	.03	.03	.03	.04	.11	.11	.05	.02	.01	.01	.01	.02	.02	.00	.01	.01	.02	.02	.02	.027	24	.44
29	.02	.02	.08	.04	.01	.01	.02	.01	.03	.03	.03	.03	.01	.01	.01	.01	.03	.03	.05	.03	.01	.01	.01	.01	.022	24	.42
30	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.004	24	.03
31*	.01	.01	.00	.00	.00	.00	.01	.01	.01	.02	.01	.01	.00	.00	.00	.00	.00	.01	.01	.02	.01	.01	.01	.01	.007	24	.04
MEAN	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.02	.04	.02	.03	.028		
NO.	29	30	29	30	30	30	29	28	27	27	27	28	28	28	28	30	30	30	30	30	29	29	29	27		696	
MAX.	.18	.18	.12	.16	.18	.17	.16	.19	.19	.15	.15	.08	.08	.09	.09	.13	.16	.15	.15	.12	.11	.10	.07	.11	.133		.44

TABULATED WED., DEC. 4, 1968

* Indicates Saturday or Sunday
Local standard time used

Table 3-215.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

CONCENTRATION IN PPM
CONDUCTIOMETRIC ANALYSIS

SULFUR DIOXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01		.01	.00	.00	.00	.01	.04	.01	.02	.02	.03	.02	.02	.02	.013	23	.11
2	.01	.01	.01	.01	.01	.01	.01	.01	.01	.05	.02	.04	.04	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	24	.15
3	.01	.01	.02	.01	.03	.02	.02	.04	.06	.02	.01	.03	.04	.04	.03	.03	.03	.02	.02	.01	.01	.01	.01	.01	.022	24	.18
4	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.02	.03	.03	.02	.02	.03	.03	.04	.03	.03	.02	.01	.03	.019	24	.07
5	.09	.08	.02	.03	.02	.04	.04	.03	.18	.48		.11	.03	.02	.02	.02	.02	.01	.01	.01	.01	.00	.01	.00	.054	23	.65
6	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.00	.01	.006	24	.05
7*	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.02	.01	.01	.01	.01	.01	.03	.02	.02	.03	.012	24	.11
8*	.01	.01	.02	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.014	24	.05
9	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.013	24	.05
10	.02	.01	.02	.03	.03	.03	.04	.03	.01	.03	.03	.02	.01	.01	.01	.01	.10	.13	.13		.12		.10	.11	.046	22	.31
11																											
12																											
13												.03	.01	.01	.01	.01	.01	.01	.02	.03	.02	.03	.03	.02	.017	15	.04
14*	.02		.02	.02	.02			.04	.03	.04					.00	.00	.00	.01	.02	.06	.06	.06	.07	.09	.030	17	.12
15*																											
16					.16	.14			.11	.09	.08	.11	.10	.13					.13	.04	.02	.01	.01	.01	.080	14	.17
17	.05											.01	.02	.01	.01	.04	.02	.02	.03	.05	.10	.14	.06	.03	.040	14	.17
18	.03	.02	.03	.04	.04	.04	.07	.07	.06	.03	.03	.02	.02	.02	.03	.03	.03	.04	.05	.05	.05	.08	.14	.16	.048	24	.18
19	.14	.09	.12			.12	.12	.16			.15		.16	.10	.07	.10	.09	.12	.12	.08	.07	.15		.07	.113	18	.18
20	.09	.05	.05	.05	.46			.04	.04	.05	.05	.04	.03	.03	.03	.03	.03	.05	.06	.06	.07	.09	.10	.14	.074	22	.48
21*	.18	.14			.12	.11		.13	.07	.05	.04	.04	.04	.04	.03	.04	.04	.05	.04	.04	.04	.04	.04	.04	.064	21	.38
22*	.04	.05	.05	.06	.05	.05	.07	.07	.05	.05	.04	.04			.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.034	22	.09
23	.01	.01	.02	.02	.02	.03	.04	.04	.04	.05	.03	.03	.03	.03	.05	.06	.06	.13		.06	.06	.04	.04	.03	.039	23	.18
24	.02	.02	.02	.02	.02	.03	.03	.04	.08			.04	.03		.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.032	21	.16
25	.03	.03	.04	.03	.03	.04	.04	.04	.04	.04	.03	.03	.03	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.028	24	.07
26	.01	.02	.03		.08	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.025	23	.11
27	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.04	.07	.025	24	.10
28*	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.025	24	.05
29*	.02	.03	.03	.03	.02	.02	.02	.01	.01	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.01	.019	23	.04
30	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.02	.04	.02	.02	.02	.01	.01	.01	.01	.01	.03	.014	24	.13
MEAN	.03	.03	.03	.02	.05	.04	.03	.04	.04	.05	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04	.032		
NO	25	23	23	21	24	23	21	24	24	23	21	25	24	24	26	26	26	26	26	26	27	26	26	27		581	
MAX	.18	.14	.12	.06	.46	.14	.12	.16	.18	.48	.15	.11	.16	.13	.07	.10	.10	.13	.13	.08	.12	.15	.14	.16	.113		.65

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-216.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

SULFUR DIOXIDE
DEC. 1964

CONCENTRATION IN PPM
CONDUCTIOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3																											
4																											
5*																											
6*																											
7																											
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22																											
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24																											
25																											
26*																											
27*																											
28																											
29																											
30																											
31																											
MEAN																									.000		.00
NO.																											
MAX.																											

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-217.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.0	3.0	2.4	2.0	3.4	4.1	2.31	24	5.0
3	3.7	3.9	3.3	3.0	4.3	3.0	3.6	3.5	3.5	3.2	3.0	4.3	3.4	3.8			3.5	4.7	3.6		3.1	4.0	3.7	4.8	3.53	21	6.0
4*	3.9	4.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.10	24	5.0
5*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.8	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.7	3.2	3.0	3.1	4.5	2.32	24	5.0
6	4.5	3.3	4.1	3.8	3.0	2.7	2.0	2.0	2.1	2.1	3.1	2.8	2.0	2.2	2.3	2.6	2.8	3.4	2.3	2.2	2.7	2.3	3.0	2.7	2.85	24	8.0
7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.7	3.0	3.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.12	24	6.0
8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	3.0	3.0	2.2	2.0	2.0	2.0	2.0	2.0	2.1	2.8	2.0	2.0	2.0	2.0	2.0	2.0	2.14	24	9.0
9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.1	3.2	2.3	2.0	2.0	4.0	2.0	2.0	4.4	3.0	2.5	2.1	3.0	2.1	2.0	2.0	2.24	24	9.0
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0		2.0	2.0	2.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	23	4.0
11*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	4.0
12*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	4.0
13	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0	2.0	2.0	1.8	1.98	24	4.0
14	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	4.0
15	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.9	4.3	4.0	2.0	2.5	2.0	4.0		2.0	2.0	2.3	3.0	3.0	2.9	2.3	2.0	2.22	23	9.0
16	2.0	2.0	3.0	3.0	3.1	3.3	3.0	3.7	4.0	4.0	3.1	3.0	2.0	4.0	2.0	2.0	2.0	2.7	3.0	2.4	2.0	4.4	2.9	3.0	2.72	24	9.0
17	3.0			2.8	3.3	3.0	3.0	2.7	4.4	4.0	2.0	2.0	2.0	4.0				3.5	3.0	2.0	2.0	2.1	4.6	2.5	2.92	19	5.0
18*	2.5	4.0	4.1	5.0	5.0	4.5	4.6	5.0	5.3	5.7	6.3	4.0	3.8	5.0	3.0	3.2	2.6	5.0	2.5	2.5	3.4	3.1	2.8	3.0	3.82	24	8.0
19*	3.0	3.0	3.2	3.8	4.0	4.0	3.9	7.3	6.3	6.0	4.1	3.0	2.1	5.0	3.1	2.5	2.0	2.2	2.0	2.5	2.2	2.3	2.0	2.0	3.30	24	8.0
20	2.2	2.3	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.4	3.0	3.4	3.0	3.0	2.8	4.3	2.9	2.0	2.0	2.0	2.0	2.0	2.0	2.40	24	5.0
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	2.0	2.0	2.0	2.0	2.8	2.5	3.4	3.3	2.9	2.0	2.0	2.18	24	4.0
22	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.0	3.3	3.2	3.7	4.5	5.7	2.45	24	6.0
23	5.5	4.5	3.0	3.0	3.0	3.5	4.0	4.5	5.7	3.9	3.6	3.0	3.1	2.7	2.0	2.0	2.2	3.0	3.3	3.1	2.6	2.0	2.0	2.0	3.12	24	8.0
24	2.3	3.0	2.3	3.0	3.3	4.3	4.3	4.0	4.2	4.1	4.3				3.8	3.7	3.8	4.6	4.0	4.0	4.0	4.0	3.8	3.0	3.69	21	5.0
25*																											
26*																											
27																											
28																											
29																											
30	3.1	2.9	3.0	2.1	2.0	2.0	4.4	4.3	4.9	4.8	2.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0	2.2	2.2	2.0	2.0	2.0	2.0	2.24	24	4.0
31	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.8	3.1	4.4	4.2	2.0	2.1	4.7	4.4	2.7	2.1	2.2	2.0	2.5	2.8	4.4	2.0	2.1	2.25	24	4.0
MEAN	2.5	2.5	2.4	2.4	2.3	2.3	2.5	2.7	2.9	2.8	2.6	2.4	2.2	2.3	2.2	2.2	2.3	2.6	2.4	2.4	2.5	2.4	2.3	2.6	2.47		
NO.	26	25	25	26	26	26	26	26	26	26	26	25	25	24	24	23	25	26	26	25	26	26	26	26		611	
MAX.	5.5	5.3	4.1	5.0	5.0	4.5	4.6	7.3	6.3	6.0	6.3	4.3	3.8	5.0	3.8	3.7	4.3	4.7	4.0	4.0	4.0	4.0	4.5	5.7	3.82		8.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-218.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
FEB. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
2*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.02	24	8.0
4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	1.9				2.0	2.2	2.1	2.1	2.0	2.7	2.04	21	9.0
5	2.8	2.0	2.3	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.7	2.0	2.0	2.0	2.0	2.1	2.0	2.4	2.6	3.0	4.3	6.5	2.45	24	7.0
6																											
7										2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.2	2.3	2.0	2.0	2.0	2.17	15	4.0
8*	2.0	2.0	1.9	1.1	1.0	1.0	1.1	2.0	1.4	1.4	1.8	1.7	1.3	1.1	1.2	1.2	1.2	1.1	1.1	1.4	1.6	1.3	1.8	2.0	1.43	24	2.0
9*	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.3	1.6	1.8	1.7	1.8	2.0	2.0	2.0	2.0	2.0	2.0	1.39	24	4.0
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.3	2.1	2.0	2.02	24	3.0
11	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.01	24	3.0
12	2.0	1.7	1.9	2.0	1.9	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.1	2.1	2.3	1.99	24	6.0
13	2.1	2.0	2.0	2.4	2.9	2.0	3.8	6.8	5.4	4.4	2.0	2.0	2.0	2.1	2.0	2.1	2.0	2.2	2.0	2.0	2.8	2.4	2.0	2.0	2.35	24	7.0
14	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0			2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.00	22	3.0
15*	2.0	2.0	2.0	2.0	2.0	2.0	2.1	3.0	2.8	2.0	2.0	2.0	2.1	2.0	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.10	24	3.0
16*																											
17																											
18	4.2	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	2.8	3.0	3.0	3.0	3.0	3.0	3.06	24	5.0
19	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	4.0
20	3.0	2.9	3.0	3.0	2.3	2.2	2.7	3.0	3.0	3.0	3.0	2.3	2.8	2.8	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.1	2.81	24	3.0
21	2.1	2.0	2.0	2.0	2.0	2.1	2.5	3.0	3.0	2.5				3.0	3.0	3.0	3.1	3.2	3.0	3.0	3.0	3.0	3.0	3.0	2.68	21	4.0
22*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.4	3.8	3.1	3.4	3.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.58	24	4.0
23*	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0				2.3	2.1	2.1	2.0	2.2	2.0	2.1	2.2	2.8	2.6	3.0	3.10	21	4.0
24	3.0	3.0	3.0	3.0	3.1	3.3	3.9	3.9	3.8	3.0	3.0		2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.60	23	5.0
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0				2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	21	3.0
26	2.8	2.7	2.5	2.2	3.0	3.0	4.9	5.5	5.0	4.7	2.5					2.0	2.9	4.9	2.1	2.3	2.3	2.0	2.0	2.0	2.76	20	8.0
27																											
28																											
29*	1.1	1.0	1.0	1.2	1.8	1.5	2.0	2.0	2.0	1.8	1.9	2.0	2.0	4.0	2.0	2.0	2.0	4.0	2.0	2.3	2.3	2.1	4.6	2.4	1.86	24	5.0
MEAN	2.4	2.3	2.3	2.3	4.3	4.4	4.5	2.8	4.6	4.3	2.3	2.2	2.2	4.2	2.2	2.2	4.3	4.4	2.2	2.3	2.3	4.3	2.4	4.5	2.33		
NO.	23	23	23	23	23	23	23	25	23	24	20	18	20	23	23	23	23	23	24	24	24	24	24	24		548	
MAX.	4.2	4.0	4.0	4.0	4.0	4.0	4.9	6.8	5.4	4.4	3.4	3.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.3	6.5	3.58		8.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-219.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

PHILADELPHIA, PA.

TOTAL HYDROCARBON
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1*	2.5	2.5	2.4	2.0	2.8	3.3	3.2	3.0	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.2	2.3	2.0	2.0	2.7	2.9	2.36	24	4.0
2	2.7	2.3	3.2	2.0	2.1	2.7	3.8	3.3	4.3	3.3	2.0	2.0	2.1	2.2	2.0	2.0	2.2	2.3	2.5	2.6	2.4	2.1	2.8	2.3	2.54	24	6.0
3	2.0	2.0	2.0	2.0	2.1	2.3	2.4	2.4	3.7	3.1	3.0	3.0	2.7	2.0		2.6	3.1	3.0	2.9	2.8	3.6	3.8	3.8	4.0	2.78	23	4.0
4	3.8	3.2	3.8	4.1	4.3	4.8	5.0	4.6			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.79	24	6.0
5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.2	2.1	2.0	2.0	2.0	2.0	2.0	1.9	2.0	1.8	1.4	2.00	24	3.0
6	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.9	2.0			2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.6	2.0	2.8	3.1	1.80	24	4.0
7*																											
8*																											
9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.6	4.0	3.2		2.0	2.3	2.3	2.7	2.8	3.1	3.8	4.1	2.0	2.0	2.0	2.2	2.0	2.49	23	5.0
10	1.9	3.3	3.2	3.3	4.7	5.1	4.6	5.7	6.8	5.3	3.8	3.5	2.9	1.0	1.0	1.0	1.3	1.5	1.0	1.0	1.0	1.0	1.0	1.0	2.73	24	4.0
11	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.00	24	2.0
12	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.8	2.3	1.0	1.0	1.0	1.0			2.5	3.3	3.4	2.3	2.0	2.0	2.3	2.0	2.0	1.68	22	5.0
13	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0		2.0	2.3	2.0	2.3	2.1	2.0	2.0	2.0	2.02	22	3.0
14*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.4	2.7	3.1	2.8	2.8	2.8	3.0	2.8	2.8	2.0	2.29	24	4.0
15*	2.1	2.0	2.7	2.5	3.0	2.6	2.0	2.0	1.6	1.3	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.06	24	3.0
16	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.5	6.0	7.9	5.3	2.57	24	10.0
17	4.0	3.3	3.7	3.3	3.0	3.0	2.0	2.1	2.8	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.1	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.44	24	4.0
18	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
19	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
20	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0			2.1	2.3	2.8	2.5	2.5	2.0	2.3	2.0	2.0	2.10	22	4.0
21*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
22*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
23	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.0	2.6	4.0	3.0	2.15	24	6.0
24	3.3	3.2	3.0	3.0	3.4	4.0	3.0	5.8	4.9	3.8	2.7	2.1	2.0	2.3	2.0	2.0	2.1	2.2	2.0	2.1	2.5	2.3	2.1	2.0	2.90	24	7.0
25	2.0	2.2	3.7	3.0	3.0	3.1	3.8	3.9	3.8	3.0	3.0	3.0	2.7	2.0	2.2	2.6	2.8	3.0	3.3	2.7	2.6	3.3	2.1	2.0	2.85	24	6.0
26	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.7	3.0	2.0	2.0	2.0	2.2	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.16	24	3.0
27	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
28*	2.0	2.0	2.0	2.3	2.2	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.9	3.0	2.10	23	3.0
29*	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.4	2.4	2.6	2.9	3.0	3.0	3.0	3.0	3.0	3.0	2.37	24	3.0
30	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.5	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.03	24	4.0
31	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.7	4.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.46	23	4.0
MEAN	2.2	2.2	2.3	2.2	2.3	2.4	2.5	2.6	2.7	2.3	2.2	2.1	2.1	2.0	2.1	2.1	2.2	2.4	2.2	2.1	2.2	2.3	2.5	2.3	2.27		
NO.	29	29	29	29	29	29	29	29	28	25	26	29	29	27	26	28	29	29	29	29	29	24	29	24		682	
MAX.	4.0	3.3	3.8	4.1	4.7	5.1	5.0	5.8	6.8	5.3	3.8	3.5	3.0	3.0	3.0	3.0	3.3	3.8	4.1	3.0	3.6	6.0	7.9	5.3	3.03		10.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-220.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	2.0	2.0	2.0	1.8	2.0	2.0	1.8	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	1.98	24	3.0
2	2.3	2.0	2.3	2.7	2.3	2.0	2.8	3.2	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.33	24	6.0
3	2.0	2.0	2.3	2.8	2.1	2.3	2.1	3.3	2.3	2.2		2.0	2.2	2.0	2.0	2.0	2.0	2.1	1.3	1.0	1.2	1.0	1.0	1.0	1.99	23	3.0
4*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.3	1.3	1.6	1.6	1.8	2.0	1.9	1.7	1.8	1.9	2.0	2.0	2.0	2.0	2.1	2.0	1.56	24	3.0
5*	2.0	2.0	2.0	2.0	2.0	1.3	1.4	1.8	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.93	24	2.0
6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	3.3	3.1	3.3	2.8	2.8	2.0	2.3	3.0	2.32	24	3.0
7	2.3	2.0	2.3	2.3	2.0	2.0	2.0	2.4	2.1	2.0	2.9	3.0	3.1	3.4	3.0	3.3	3.3	3.3	4.0	4.0	4.3	3.3	3.1	2.8	3.16	24	7.0
8	2.1	3.1	3.6	4.1	4.2	3.9	3.3	4.6	4.2	4.6	4.2	4.6	3.1	3.0	2.4	2.2	2.8	2.9	2.1	2.0	2.0	2.0	2.0	2.0	3.28	24	7.0
9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.3	2.4	2.04	24	3.0
10		2.0	2.0	2.0	2.0	2.0	2.1	2.9	2.2	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.2	2.0	2.9	3.3	3.0	3.1	3.0	2.29	22	3.0
11*	2.5	3.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.3	1.3	2.0	1.8	2.0	1.9	1.8	2.0	2.0	1.6	1.5	1.96	24	3.0
12*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.40	24	2.0
13	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.8	2.3	2.2	1.9	1.3	1.1	1.0	1.0	1.0	1.3	2.1	1.4	1.0	1.0	1.0	1.0	1.0	1.27	24	3.0
14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.3	1.2	1.0	1.2	1.0	1.0	1.1	1.0	1.8	1.0	1.1	1.1	1.0	1.0	1.0	1.08	24	3.0
15	1.3	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.7	1.6	1.1	1.0	1.0	1.1											1.13	14	3.0
16																											
17	3.7	2.7	3.0	2.0	2.3	2.0	2.0	2.8	2.1	2.3	2.6	2.1	2.1	2.2		2.0	2.3	3.1	3.8	4.3	4.9	3.7	3.3	3.3	2.82	23	5.0
18*	3.3	6.2	3.8	4.7	3.9	3.3	4.8	4.6	3.3	2.0	2.0	2.0	2.0	2.0	1.8	1.8	1.6	2.0	2.0	2.8	3.9	2.3	2.2	2.0	3.09	24	8.0
19*	2.0	1.9	2.0	2.0	1.8	1.2	1.1	1.1	1.3	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.6	1.3	1.3	1.74	24	2.0
20	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.9	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.73	24	3.0
21	2.0	1.4	2.0	1.8	1.8	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.0	2.0	1.8	1.7	1.1	1.3	1.89	24	3.0
22	1.1	1.0	1.0	1.0	1.0	1.2	1.7	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.3	2.7	2.8	2.2	2.0	2.0	2.0	2.0	1.84	24	4.0
23	2.0	1.9	2.0	1.3	1.1	1.0	1.9	2.0	2.0	2.0	1.8	1.8	1.8	1.9	2.0	1.9	2.0	2.0							1.79	18	2.0
24											2.0	1.6	1.9	1.4	1.5	1.5	1.6	1.9	1.3	1.0	1.4	1.8	1.9	2.0	1.62	14	2.0
25*	2.0	2.0	2.0	2.0	1.8	1.1	1.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0		2.0	2.0			1.90	21	2.0
26*																											
27	1.6	1.6	2.0								1.3	1.8	1.3	1.5	1.4	1.7	1.9	1.3	1.0	1.0	1.1	1.3	1.3	1.3	1.43	17	2.0
28	1.3	1.2	1.0	1.0	1.0	1.2				2.0		2.0		2.0	2.0	2.3		1.8	1.5	1.2	1.1	1.3	1.9	2.0	1.53	18	3.0
29	1.8	1.4	1.2	1.3	1.2	1.8	1.9	2.0	2.0	2.0	1.9	1.8	1.8	2.0	2.0	2.0		1.9	1.6	1.5	1.3	1.1	1.9	1.6	1.68	23	2.0
30	2.0	1.3	1.4	1.0	1.0	1.0	1.7				2.0	1.8	2.0	2.0	1.8	1.8		1.7	1.8	1.5	1.8	2.0	1.9	1.8	1.65	20	2.0
MEAN	1.9	1.9	1.9	1.9	1.9	1.8	2.0	2.3	2.4	2.1	2.0	1.9	1.9	1.9	1.9	1.9	2.1	2.2	2.0	2.0	2.1	1.9	1.9	1.9	1.97		
NO.	26	27	27	26	26	26	25	24	24	25	26	28	27	28	25	27	24	27	26	25	26	26	25	25		621	
MAX.	3.7	6.2	3.8	4.7	3.9	3.3	5.3	5.2	6.2	4.6	4.2	4.6	3.1	3.4	3.0	3.5	3.3	3.3	4.0	4.3	4.9	3.7	3.3	3.3	3.28		8.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-221.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	2.0	1.9	1.8	1.3	1.3	1.9					1.9	1.8	2.0	2.0	2.0			1.8	1.9	2.0	1.8	2.0	2.0	2.0	1.86	18	2.0
2*	2.0	1.9	2.0	1.9	1.3	1.7	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	1.8	1.8	1.3	1.3	1.9	2.0	1.6	2.0	2.0	2.0	1.84	24	2.0
3*	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.8	2.0	2.0	2.0	1.98	23	2.0
4	2.0	2.0		2.0	2.0	2.0						1.8	1.1	1.3	1.8	1.3	1.8	1.8	1.3	1.0	1.4	1.8	1.3	1.0	1.55	18	2.0
5	1.9	2.0									2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.8	1.9	2.0	2.0	2.2	2.0	1.97	16	3.0
6	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.9	2.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.3	3.0	2.13	24	3.0
7	3.4	2.3	2.0	2.0	2.8	2.9	3.4	3.8	2.8	2.4	2.4	2.0	2.0	2.9	2.0	2.2	2.8	2.3	2.3	3.0	2.5	3.0	3.0	3.0	2.60	24	3.0
8	3.4	3.6	6.0	3.9	3.9	3.0	7.8	10.3	4.8	3.6	2.1		2.0	2.0											4.36	13	14.0
9*																											
10*																											
11																											
12																											
13																											
14	2.2	2.0	1.5	1.4	1.0	1.5	1.6	1.8	1.7		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.24	23	3.0
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.2	1.7	1.3	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.8	1.4	1.0	1.3	1.15	24	3.0
16*	1.3	1.0	1.5	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.9	1.09	21	3.0
17*	2.2	1.6	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.08	24	3.0
18	1.0	1.3	1.0	1.2	1.0	1.1	1.2	1.5	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.8	2.0	3.6	4.4	6.4	1.60	24	7.0
19	5.8	6.7	7.1	7.4	5.3	4.3	4.1	3.1	2.9	2.5	2.0	2.0	1.9	2.0	2.0	2.0	2.0	1.8	2.0	1.7	2.0	2.0	2.0	2.0	3.17	24	8.0
20																											
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.1	2.0	2.01	24	3.0
22	2.4	3.0	3.0	2.8	2.5	3.8	3.0	2.0	2.1		2.1	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.3	2.5	3.3	2.8	2.6	2.8	2.49	23	3.0
23*	3.0	2.3	2.5	2.2	2.0	3.1	4.4	4.3	3.1	1.9	1.8	1.8	1.2	1.1	1.0	1.2	1.1	1.7	2.5	2.4	3.5	3.4	4.1	3.8	2.46	24	5.0
24*	3.2	3.1	3.0	4.3	8.8	3.4	4.1	4.7	4.1	3.6	2.1	1.3	1.0	1.3	1.0	1.8	2.0	2.0	2.0	2.0	2.6	3.0	3.0	2.4	2.89	24	11.0
25	1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.4	1.5	1.3	1.3	1.4	1.5	1.4	1.3	1.1	1.2	1.9	1.7	1.4	1.8	1.4	1.34	24	6.0
26	1.3	1.3	1.4	1.6	1.9	2.0	2.4	2.0	2.0	2.0	2.0	1.9	2.0	1.9	2.0	2.0	2.0	1.8	2.0	2.3	2.3	2.0	2.0	2.3	1.93	24	3.0
27	2.0	2.1	2.6	2.3	2.2	2.4	3.0	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	1.8	1.1	1.1	2.06	24	3.0
28	1.0	1.3	2.0	2.0	1.8	2.0	2.0	2.0	2.0	1.8	1.6	2.0	1.9	1.8	2.0	2.0	1.9	1.5	1.9	1.9	2.0	2.0	2.0	2.0	1.85	24	2.0
29	1.3	1.0	1.0	1.0	1.1	1.6	1.9	1.7	1.8	1.7	1.8	1.4	1.5	1.5	1.5	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	1.64	24	2.0
30*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.9	2.0		2.0	2.0	1.8	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.96	23	2.0
31*	2.0	2.2	2.5	2.1	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.03	24	3.0
MEAN	2.2	2.1	2.3	2.1	2.3	2.4	2.5	2.6	2.2	2.0	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	2.0	2.1	2.1	2.2	1.98		
NO.	25	25	23	24	24	23	22	22	22	20	23	24	24	24	23	23	23	24	24	24	24	24	24	24		564	
MAX.	5.8	6.7	7.1	7.4	8.8	5.0	7.8	10.3	4.8	3.6	2.4	2.1	2.1	2.5	2.0	2.2	2.8	2.3	2.5	3.0	3.5	3.6	4.4	6.4	4.36		14.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-222.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JUNE 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	2.0	2.0	2.0	2.0	2.0	2.0	4.6	3.0	3.0			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.8	2.4	2.3	2.20	22	3.0
2	2.3	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	1.7	1.7	2.0	2.0	2.0	2.8	3.6	2.08	24	4.0
3	2.9	3.8	2.3	3.2	3.2	2.9	3.9	3.8	3.1	2.1	2.0	2.0	1.8	2.0	2.0	2.0	2.0	1.9	1.8	2.0	2.0	2.0	2.0	2.0	2.44	24	3.0
4	2.0	2.0	2.0	1.9	2.2	2.0	2.0	2.0	1.9	1.8	1.9	1.4	1.4	1.2	1.4	1.2	1.5	1.1	1.1	2.0	2.0	2.7	3.4	2.3	1.84	24	4.0
5	1.0	1.0	1.0	1.0	1.0	1.2	1.8	2.0	1.9	1.4	1.5	1.0	1.3	1.3		1.1	1.0	1.0	1.0	1.4	2.0	1.8	1.2	1.3	1.30	23	2.0
6*	1.8	1.8	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.9	1.8	1.4	1.0	1.1	1.0	1.1	1.1	1.0	1.1	1.0	1.1	1.3	1.0	1.0	1.46	24	2.0
7*	1.5	1.0	1.1	1.9	2.5	2.8	3.3	2.0	2.0	2.0	1.9	2.0	1.7	1.6	1.2	1.5	1.0	1.1	1.1	1.5	1.2	1.1	1.8	1.6	1.67	24	4.0
8	2.3	2.2	2.0	2.0	2.7	2.0	4.1	4.6	3.7	3.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.2	2.1	2.3	3.5	3.8	2.37	24	7.0
9	2.5	2.0	2.9	3.4	3.5	4.3	5.3	4.8	3.6	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.3	2.56	24	6.0
10	1.3	1.0	1.1	1.6	2.2	3.0	3.4	2.9	3.0	3.0	2.8	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	1.9	1.9	1.7	2.11	24	4.0
11	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.7	1.3	1.1	1.1	1.1	1.5	1.6	1.5	1.8	1.8	1.3	1.0	1.9	2.0	2.0	2.0	2.0	1.41	24	2.0
12	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.1	2.4	2.0	2.3	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	3.3	3.5	2.22	24	5.0
13*	3.0	2.7	2.3	2.0	2.0	2.0	2.3	2.4	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.4	2.8	3.0	2.22	24	4.0
14*	3.0	2.6	2.2	2.8	3.8	2.1	2.0	2.0	2.0			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.8	2.8	3.0	2.35	22	4.0
15	2.9	2.1	2.0	2.8	2.0	2.4	3.0	3.5	3.5	3.0	3.0	3.0	3.0	3.1	3.0	3.2	3.3	3.4	3.4	3.2	4.7	3.3	3.1	3.0	3.03	24	5.0
16	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		2.0	1.9	2.0	1.7	1.7	2.0	2.0	2.0	2.0	2.0	2.53	23	3.0
17	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.7	3.0	2.06	24	4.0
18	2.9	3.3	2.5	2.8	3.3	3.8	3.9	3.9	2.4	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.42	24	4.0
19	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	3.0	2.8		3.2	3.0	2.3	2.1	2.3	2.9	3.0	3.0	3.4	3.8	3.0	3.0	2.2	2.60	23	4.0
20*	1.1	1.7	2.0	2.0	2.1	2.5	4.4	5.1	3.6	3.1	2.3	2.0	2.0	2.0	2.0	1.9	2.0	1.9	1.9	2.0	2.0	3.0	3.1	2.0	2.39	24	6.0
21*	2.3	2.2	1.9	1.1	1.5	1.7	2.0	2.0	2.2	2.0	2.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	3.2	3.0	2.03	24	4.0
22	2.0	2.0	4.6	3.1	3.0	2.0	2.4	2.0	2.6	3.0	3.0	3.0	3.0	2.6	2.9	2.9	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.52	24	7.0
23	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.9	2.6	2.2	2.0	2.0	2.0	2.0	2.2	2.2	2.3	2.1	2.0	2.0	2.0	2.0	2.2	2.0	2.10	24	4.0
24	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.5	2.5	2.3	2.0	2.0	2.0	2.0	2.0	2.3	3.9	3.8	3.5	2.8	2.3	2.7	2.0	2.0	2.37	24	5.0
25	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.9	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	3.2	3.0	2.22	24	8.0
26	2.9	2.3	2.8	2.3	3.0	3.6	4.4	3.1	2.2	2.0	2.0	2.0	2.0	2.0	2.0			2.0	2.0	2.0	3.5	4.0	3.0	2.3	2.53	22	5.0
27*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.2	2.0	2.0	2.0	2.0	1.9	1.9	2.0	1.9	2.0	2.0	1.9	1.9	1.7	1.3	1.95	24	3.0
28*	1.3	1.2	1.0	1.0	1.0	1.0	1.1	1.3	1.7	1.9	1.7	1.8	1.7	1.4	1.6	1.2	1.3	1.4	1.3	1.8	2.3	2.8	3.4	3.6	1.65	24	6.0
29	2.7	2.0	2.0	2.7	3.0	3.0	3.0	2.8	2.3	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.25	24	4.0
30	3.3	3.6	3.8	3.3	2.8	2.8	3.0	3.2	3.0	2.4	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.47	24	4.0
MEAN	2.2	2.1	2.1	2.2	2.3	2.3	2.6	2.8	2.6	2.2	2.1	2.0	2.0	1.9	2.0	1.9	2.0	1.9	1.9	2.0	2.2	2.3	2.4	2.3	2.18		
NO.	30	30	30	30	30	30	30	30	30	28	27	30	30	29	29	29	29	30	30	30	30	30	30	30		711	
MAX.	3.3	3.8	4.6	3.4	3.8	4.3	5.3	5.1	4.7	3.1	3.0	3.2	3.0	3.1	3.0	3.2	3.9	3.8	3.5	3.4	4.7	4.0	3.5	3.8	3.03		8.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-223.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	2.4	2.4	3.6	3.4	3.9	4.7	4.1	3.4	4.8	4.5	4.1	2.0	2.0	2.1	2.0	2.0	2.1	2.0	2.0	2.4	4.9	2.0	2.0	2.0	2.61	24	5.0
2	2.0	2.0	2.0	3.0	3.0	3.3	3.5	4.0	3.8	3.4	3.0	2.7	2.3	2.1	2.1	2.5	2.1	2.1	2.0	2.0	2.3	2.4	2.8	3.0	2.62	24	5.0
3	3.1	3.0	3.0	3.0	3.4	3.3	3.3	3.0	2.7			2.1	2.9	2.8	2.3	2.4	2.7	2.6	2.4	2.1	2.5	2.3	2.1	2.1	2.66	22	4.0
4*	2.3	2.5	2.0	2.9	3.6	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.9	2.0	2.0	1.3	1.1	1.0	1.0	1.98	24	5.0
5*	1.0	1.0	1.8	1.2	1.1	1.4	1.0	1.0	1.0	1.2	1.3	1.6	1.3	1.4	1.2	1.3	1.2	1.0	1.2	2.0	2.0	2.0	2.0	2.0	1.37	24	4.0
6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.5	2.5	2.5	2.06	24	5.0
7	2.2	2.7	2.0	2.9	3.2	2.7	2.8	3.0	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.25	24	4.0
8	2.0	2.0	2.0	2.0	2.0	2.2	2.2	2.5	3.1	3.0	3.1	3.1	3.1	3.0	3.0	3.0	3.2	3.0	3.0	3.9	3.6	3.0	3.0	2.8	2.77	24	5.0
9	2.3	2.1	2.0	2.0	2.0	2.2	3.0	3.0	3.1	3.0	2.9	2.4	2.3	2.8	2.8	2.8	3.0	2.4	2.3	2.1	2.0	2.0	2.1	2.0	2.43	24	4.0
10	2.1	2.0	2.0	2.0	2.0	2.0	2.2	2.7	2.3	2.0	2.2	2.0	2.1	2.0			2.0	2.0	2.0	2.6	2.7	2.5	3.7	4.2	2.31	22	6.0
11*	3.0	4.2	3.3	3.4	4.4	3.7	4.2	4.3	4.9	3.9	3.0	3.0	2.9	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.5	4.3	3.4	3.29	24	6.0
12*	3.2	4.1	3.8	3.3	2.0	2.0	2.3	3.0	2.6	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.35	24	5.0
13	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.9	3.0	2.5	2.0	2.0	2.0	2.8	3.3	2.4	2.3	2.3	2.9	3.2	3.4	2.4	2.3	2.3	2.41	24	4.0
14	2.0	2.0	2.4	3.3	4.0	3.8	3.5	4.2	4.3	3.0	2.9	2.3	2.0	2.0	2.0	2.0	2.4	2.1	2.0	2.3	2.0	2.0	2.0	2.3	2.61	24	5.0
15	2.1	2.0	2.0	2.0	2.3	2.2	2.8	3.3	2.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	3.0	3.3	3.5	3.4	2.36	24	4.0
16	3.8	2.9	2.8	3.3	3.1	2.7	3.0	2.9	3.1	2.7	2.0	2.0	2.0	2.6	2.6	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.1	3.6	2.34	24	5.0
17	3.0	2.9	2.9	2.9	3.1	3.3	3.3	3.0	2.8			3.0	2.0	2.0	2.2	3.1	2.2	2.0	2.0	2.0	1.4	1.8	3.2	3.4	2.38	22	6.0
18*	3.3	2.9	3.4	2.9	2.6	2.9	2.3	2.8	2.0	1.8	1.4	1.1	1.0	1.0	2.3	3.3	2.3	2.0	2.0	2.0	2.0	2.2	2.7	2.2	2.35	24	6.0
19*	2.0	2.4	2.1	2.0	1.8	1.5	1.7	1.1	1.0	1.2	1.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.1	2.0	1.88	24	3.0
20	2.0	2.0	1.8	1.7	2.2	2.8	3.0	3.2	2.6	2.2	2.8	2.5	2.0	2.0	2.0	2.0	1.4	1.1	1.0	1.0	1.5	2.2	2.4	1.8	2.03	24	4.0
21	1.0	1.0	1.0	1.0	1.1	1.3	2.0	2.0	1.9	1.9	1.0	1.8	3.2	2.0	1.8	1.5	1.5	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.42	24	5.0
22	1.0	1.0	1.0	1.0	1.1	1.0	1.6	2.1	2.0	1.9	1.6	1.5	1.3	2.3	3.0	2.3	1.8	1.4	2.6	2.2	1.4	1.3	1.5	2.0	1.65	24	5.0
23	2.0	1.5	1.0	1.3	1.8	2.0	2.1	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.3	1.1	1.3	1.0	1.0	1.0	1.0	1.63	24	5.0
24	1.0	1.0	1.0	1.1	1.0	1.0	1.6	2.0	2.0	1.9	2.0	2.0	2.3	3.1	2.9	2.8	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	1.89	24	4.0
25*	1.9	1.4	1.4	1.0	1.3	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	2.0	2.0	1.9	1.7	1.84	24	4.0
26*	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.1	2.4	2.3						1.0	1.1	1.3	1.6	2.0	1.8	1.7	2.0	1.87	19	5.0
27	2.3	2.0	1.6	2.0	2.3	2.5	2.2	2.6	2.3						3.9	2.3	3.0	2.3	2.0	1.2	1.7	2.0	1.8	1.2	2.14	20	5.0
28	2.5	3.4	4.4	2.7	2.4	2.7	3.9	2.9	2.1	2.2	1.9	2.0	2.1	1.9	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.2		2.39	24	5.0
29	2.8	2.1	2.3	2.3	2.0	2.0	2.6	2.8	2.9	2.8	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.1	2.0	2.0		2.21	22	4.0
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.9	3.1	4.2	3.2	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.0	2.0	2.0	2.0	2.24	24	6.0
31	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.8	2.9	2.3	2.3					3.0	2.8	2.8	2.1	2.0	2.0	2.4	2.2	2.0	2.5	2.28	21	5.0
MEAN	2.2	2.2	2.3	2.3	2.3	2.4	2.5	2.7	2.5	2.3	2.2	2.2	2.1	2.2	2.2	2.3	2.1	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.23		
NO.	31	31	31	31	31	31	31	31	31	28	28	28	28	29	29	29	31	31	31	30	31	31	31	30		724	
MAX.	3.8	4.2	3.5	3.4	4.4	3.7	4.2	4.3	4.9	3.9	3.1	4.2	3.2	3.9	3.3	3.3	3.2	3.0	3.0	3.9	3.6	3.3	4.3	4.2	3.29		6.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-224.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
AUG. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	3.4	3.1	3.0	3.0	2.8	2.9	2.8	2.8	2.8	2.3	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.3	2.0	2.8	3.0	3.0	2.50	24	4.0
2*	3.0	2.9	3.3	3.3	3.0	3.0	2.8	2.9	2.6	3.0	3.0	2.9	2.3	2.3	2.7	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	2.89	24	4.0
3	3.0	2.9	2.1	2.0	2.1	2.0	2.6	3.0	3.0	3.0	2.8	2.8	3.0	3.0	3.0	2.8	3.0	2.0	2.1	2.1	2.0	2.0	2.0	2.1	2.91	24	4.0
4	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.8	3.6	3.0	2.8	2.1	2.1	3.0	2.8	2.4	2.7	2.4	2.8	2.0	2.1	2.0	2.1	3.0	2.74	24	4.0
5	3.4	4.0	3.8	3.1	3.4	3.9	4.3	4.0	3.3	3.0	2.9	3.0	3.0	2.8	2.8	2.9	3.0	3.0	3.0	3.0	3.3	2.7	3.3	3.0	3.24	24	5.0
6	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.0	2.1	2.0	2.0	2.0	2.0	2.4	2.0	2.0	3.0	3.1	3.1	4.0	3.1	2.69	24	4.0
7	4.3	3.0	4.0	3.6	3.0	3.6	3.7	3.6	3.8	3.3	4.8							2.0	2.1	2.0	2.0	2.0	2.0	2.0	3.31	18	8.0
8*	2.0	2.0	2.0	2.0	2.8	3.1	3.6	3.0	3.0	3.0				3.2	1.4	1.3	1.8	1.1	1.0	1.0	1.0	1.0	1.0	1.3	1.97	21	4.0
9*	2.3	1.3	1.0	1.0	1.3	1.6	1.0	1.0	1.0			3.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.6	2.8	3.6	1.93	22	4.0
10	3.3	3.0	3.0	3.0	3.7	3.9	4.1	5.1	4.3	5.1	3.0	2.2	2.0	2.3	2.3	2.6	2.3	2.3	2.1	2.0	2.0	2.3	2.7	2.3	2.94	24	6.0
11	2.0	2.0	2.0	2.0	3.2	2.9	4.1	3.4	2.8	2.9	3.6	3.7	2.7	2.3	2.8	2.3	2.6	2.0	2.3	3.0	2.3	2.6	2.9	2.4	2.70	24	3.0
12	2.0	2.0	2.0	2.0	2.0	2.0	2.9	3.6	3.3	2.3	2.0	2.0	2.0	4.8	3.1	2.6	2.3	2.0							2.30	18	6.0
13																											
14																											
15*	3.3	2.9	3.0	3.0	2.1	2.0	2.8	2.0	2.0	2.0				2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.0	3.1	4.4	3.9	2.36	21	5.0
16*	3.1	4.2	4.0	3.1	3.1	3.0	3.0	4.9	3.8	3.2	2.8	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.65	24	6.0
17	2.0	2.0	2.1	2.0	2.0	2.0	2.7	3.1	2.9	2.3	2.1	2.0	2.0	2.0		2.0	2.3	2.0	2.0	2.7	3.2	4.3	4.0	3.7	2.48	23	5.0
18	2.3	2.7	3.0	3.0	3.1	4.6	6.7	4.1	3.7	2.3	2.0	2.0	2.0	2.0	2.0	2.3	3.0	2.1	4.3	2.6	2.1	2.0	2.0	2.4	2.93	24	9.0
19	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2			2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.6	2.1	2.0	2.2	2.04	21	4.0
20	2.3	2.1	3.3	2.2	2.1	2.3	3.0	3.7	3.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.4	2.8	3.2	3.4	2.91	24	7.0
21	3.9	3.3	3.0	3.0	3.0	3.0	3.0	3.0	2.8	3.0	2.7	2.3	2.8	2.7	2.7	2.3	3.0	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.66	24	4.0
22*	2.0	2.0	2.0	2.0	2.1	3.8	4.0	3.7	3.0	3.0	2.3	2.0			1.0	1.2	1.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.02	22	6.0
23*	1.0	1.0	1.0	1.1	1.3	1.0	1.9	1.9	1.2	1.0	1.0	1.0	1.0	1.0	1.1	2.8	1.8	1.0	1.7	2.0	3.2	3.5	3.0	1.0	1.54	24	4.0
24	1.3	1.3	1.0	1.0	1.0	1.8	2.3	2.0	1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.0	1.0	1.1	1.4	3.3	2.9	3.3	1.92	24	5.0
25	2.1	2.0	3.1	2.4	2.0	3.5	4.6	2.8	3.3	2.2	2.0	1.7	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.3	1.9	1.4	1.0	1.89	24	6.0
26	1.0	1.0	1.0	1.0	1.3	1.1	2.0	2.2	1.3	1.0	1.0	2.0	2.1	1.0	1.0	1.1	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.22	24	3.0
27	1.0	1.0	1.0	1.0	1.0	1.1	2.0	2.3	2.3	2.0	1.3	1.3	1.7	1.6	1.7	2.0	2.0	1.4	1.0	1.0	1.0	1.0	1.0	1.5	1.41	24	3.0
28	1.4	1.6	2.0	2.4	2.0	2.0	2.6	3.3	2.9	2.0	1.9	1.9	1.9	2.0	1.8	1.8	2.1	1.3	1.3	1.1	1.3	1.7	2.0	2.0	1.92	24	4.0
29*	2.0	2.0	1.3	1.0	1.2	1.8	2.0	2.0	2.0	2.0	1.9	1.7	1.3			1.6	1.7	1.9	2.0	2.3	2.0	2.0	2.1	2.1	1.80	22	3.0
30*	2.6	3.0	4.8	4.3	2.0	2.8	3.8	3.3	2.4	3.5	4.6	2.0	1.6	1.3	1.0	1.5	1.0	1.0	1.0	1.0	1.0	1.3	1.9	2.0	2.19	24	7.0
31	2.0	2.0	1.0	1.3	1.5	4.0	2.2	3.1	2.3	2.2	2.0	2.4	1.9	4.0	1.9	1.9	1.7	1.6	1.2	2.1	4.8	3.3	2.3	2.3	2.03	24	9.0
MEAN	2.4	2.3	2.4	2.3	2.3	2.6	3.1	3.1	2.9	2.6	2.3	2.1	2.0	2.1	2.0	2.0	2.1	1.9	1.9	2.0	2.1	2.3	2.4	2.3	2.32		
NO.	29	29	29	29	29	29	29	29	29	27	25	26	29	26	25	28	28	29	28	28	28	28	28	28		668	
MAX.	4.3	4.2	4.8	4.3	4.1	4.6	6.7	5.1	4.8	3.3	4.8	3.8	3.0	4.8	3.1	3.1	3.0	3.1	4.3	3.0	3.3	4.3	4.4	3.9	3.51		9.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-225.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

TOTAL HYDROCARBON
SEPT. 1964

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1	1.1	1.0	1.0	1.0	1.0	1.0	2.2	2.8	1.8	1.3	1.3	1.4
2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.4	1.3	1.4	1.0	1.0
3	2.0	2.0	2.0	1.4	1.2	1.1	2.0	2.0	1.7	1.6	1.0	1.0
4	3.3	2.1	1.8	2.1	4.1	5.4	7.2	4.0	3.3	2.8	2.0	1.8
5*	4.0	3.5	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0
6*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
7	4.5	4.0	4.0	4.0	4.0	3.5	3.1	3.8	4.0	4.0	3.9	3.0
8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.6	3.3	3.0	3.3	3.3
9	3.6	3.0	3.0	3.0	3.0	3.0	3.2	4.0	4.3	3.4	4.1	4.0
10	3.6	4.0	3.4	3.0	3.4	7.1	6.6	7.3	3.3		1.7	1.6
11	1.0	1.0	1.0	1.1	0.8	1.8	1.9	2.6	1.0	1.0	1.0	1.0
12*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
13*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
15												
16												
17												
18	1.3	1.8	1.8	2.0	1.8	1.3	1.0	1.3	2.0	2.1	1.8	2.8
19*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0
20*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
21	1.0	1.0	1.0	1.0	1.0	1.0	1.8	2.2	1.7	1.2	1.3	1.0
22	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.6	1.3	1.4	1.3	1.1
23	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.4	1.3	1.0	1.0	1.0
24	1.0	1.0	1.0	1.0	1.0	1.0	1.5	2.0	1.1	1.0	1.0	1.0
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
26*	2.8	3.0	2.7	3.3	3.8	4.3	3.8	3.3	4.0	3.3	2.8	2.0
27*	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	1.6	1.1	1.9	2.0
28	1.9	1.1	1.1	1.0	1.0	1.0	1.6	2.1	2.0	1.8	2.0	2.0
29	2.1	2.0	1.6	1.3	2.2	2.0	2.3	3.3	3.8	3.4	3.8	4.0
30	3.3	2.3	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.0	1.8	1.5
MEAN	2.0	1.8	1.8	1.8	2.0	2.1	2.3	2.6	2.3	1.9	1.9	1.8
NO	27	27	27	27	27	27	27	27	26	25	26	27
MAX	4.5	4.0	4.0	4.0	5.4	7.1	7.2	7.3	5.3	4.0	4.1	4.0

DAY OF MONTH	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	1.1	1.2	1.1	1.3	1.3	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.23	24	4.0
2	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.8	2.0	1.3	3.0	2.7	1.28	24	4.0
3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	2.0	2.1	3.3	2.8	1.56	24	4.0
4	1.9	1.3	2.2	3.9	3.8	4.1	5.5	6.3	4.8	4.0	4.0	3.7	3.55	24	4.0
5*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.33	24	4.0
6*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	4.0	3.7	4.3	3.13	24	5.0
7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.40	24	5.0
8	3.4	4.0	3.8	3.8	3.4	3.3	3.7	3.0	3.0	3.0	4.1	3.9	3.30	24	5.0
9		4.0	4.0	4.0	4.0	4.0	3.0	3.3	4.0	3.3	3.0	3.8	3.56	23	5.0
10	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.65	23	4.0
11	1.0	1.0	1.0	1.1	1.2	1.9	1.6	1.1	1.0	1.0	1.0	1.0	1.21	24	3.0
12*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.00	24	1.0
13*	1.7	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.03	24	2.0
14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.9	2.0	1.0	1.07	24	2.0
15															
16															
17															
18	2.1	2.0	1.2		1.3	2.0	2.0	1.9	1.4	1.4	2.0	1.8	1.73	23	3.0
19*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.00	21	1.0
20*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.00	24	1.0
21	1.1	1.0	1.3	1.6	1.8	1.2	1.6	1.3	1.5	1.3	1.1	1.0	1.27	24	3.0
22	1.6	1.3	1.7	1.9	2.0	1.8	2.0	2.0	2.0	2.0	2.0	1.1	1.46	24	4.0
23	1.0	1.0	1.0	1.0	1.1	1.4	2.0	2.0	2.0	2.0	1.7	1.3	1.24	24	4.0
24	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.06	24	4.0
25	1.0	1.0	1.0	2.0	2.2	2.0	2.0	2.5	2.8	3.0	3.2	2.8	1.55	24	4.0
26*	1.8	1.8	2.0	2.0	2.0	2.0	1.8	2.0	2.0	2.0	2.0	2.0	2.72	24	11.0
27*	1.6	2.0	2.3	2.5	2.0	2.2	1.84	24	3.0						
28	1.9	2.0	2.3	2.1	2.0	2.0	1.85	24	3.0						
29	2.8	2.7	3.0	3.1	3.7	4.0	3.08	24	5.0						
30	2.2	2.9	4.7	5.8	4.0	4.3	2.55	24	6.0						
MEAN	2.0	2.0	2.1	2.2	2.2	2.2	1.99								
NO	27	27	27	27	27	27		646							
MAX	5.5	6.5	4.8	5.8	4.1	4.3	3.56		11.0						

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-226.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
OCT. 1964

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5 MIN MAX
	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12			
1	4.6	3.5	3.0	2.9	2.0	2.0	2.6	3.3	3.3	2.8	2.0	2.0	1.8	1.8	2.0	2.0	2.0	1.9	1.7	1.5	1.6	1.1	1.3	1.9	2.26	24	3.0
2	2.2	2.3	2.2	2.0	2.0	2.3	2.8	3.3	3.3	3.3	3.4	2.7	2.6	3.1	2.8	3.3	4.5	3.9	3.6	3.1	3.0	2.6	2.0	2.8	2.87	24	5.0
3*	3.0	2.1	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0		2.0	1.8	1.8	1.9	2.4	2.6	2.9	2.6	3.9	2.21	23	5.0
4*	3.9	4.8	4.5	2.9	2.9	2.1	2.4	2.3	2.3	2.1	1.3	1.1	1.7	1.7	1.3	2.0	1.5	1.8	1.9	1.2	1.1	1.0	1.0	1.0	2.04	24	5.0
5	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.5	1.3	1.4	1.9	2.0	1.9	1.8	2.0	1.28	24	2.0
6	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.9	2.1	2.0	1.5	1.0	1.0	1.1	1.2	1.2	1.5	1.8	2.3	2.6	1.9	1.9	1.2	1.4	1.76	24	3.0
7	1.4	1.2	1.1	1.0	1.0	1.3	2.0	2.0	2.0	2.0	2.0	1.8	2.0	1.9	1.9	2.1	2.1	2.0	2.1	2.9	2.7	2.9	3.0	2.5	1.94	24	3.0
8	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.0	3.0	3.1	3.0	2.1	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.21	24	4.0
9	3.8	3.7	3.5	3.3	4.3	4.8	5.9	6.9	5.7	3.9	2.7	2.2	2.0	2.0	2.1	2.2	2.7	2.2	2.1	2.9	3.1	2.8	2.0	2.0	3.25	24	8.0
10*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
11*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			2.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	2.0	2.0	2.1	1.20	22	4.0
12	2.5	2.3	2.1	1.8	2.2	2.6	3.0	2.8	3.3	2.8	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.7	2.0	2.2	2.0	3.8	2.8	2.9	2.09	24	5.0
13	3.2	2.4	2.2	2.4	2.1	2.6	2.4		4.0	3.9	2.8	1.5	1.0	1.0	1.0	1.0	1.2	1.6	2.2	2.8	2.9	2.8	3.7	4.0	2.36	23	5.0
14	3.4	3.2	2.8	2.6	2.8	2.5	3.0	3.7	2.3	2.0	1.6	1.2	1.0	1.0	1.0	1.3	1.6	1.6	2.8	3.4	3.3	6.4	5.4	5.2	2.87	24	7.0
15	3.0	3.0	2.2	2.0	2.0	2.3	2.8	3.3	3.3	2.3	2.0	2.3	2.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.6	2.2	2.1	3.09	24	8.0
16	2.6	3.9	4.1	4.4	4.9	6.2	8.4	8.8	5.7	4.3	3.3	2.6	2.2	2.1	2.1	2.8	2.8	2.4	2.3	2.1	2.1	2.0	2.0	2.0	3.58	24	10.0
17*	1.9	1.4	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.7	1.4	1.3	1.0	1.84	24	2.0
18*	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	2.0	2.0	2.0	2.7	2.2	4.8	3.0	1.49	24	6.0
19	3.0	6.0	4.4	3.2	4.5	5.6	5.4	4.5	2.6	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.1	1.9	1.7	2.0	2.0	2.0			2.93	22	8.0
20	2.6	2.0	1.8	1.1	1.5	1.8	2.0	2.3	2.3	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.99	24	4.0
21	2.0	1.9	1.3	1.8	1.5	1.9	2.0	2.3	2.6	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.8	1.99	24	4.0
22	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	3.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.07	24	4.0
23	2.0	2.0	2.0	1.8	1.9	2.0	2.0	2.8	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.03	24	3.0
24*	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.8	2.9	2.8	2.8	2.15	24	3.0
25*	3.2	2.7	2.0	2.1	2.9	3.0	2.8	3.3	3.2	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.9	3.1	3.5	3.0	4.0	5.5	2.72	24	8.0
26	4.6	4.0	3.3	3.6	3.8	3.9	3.8	5.3	3.7	3.2	2.8	2.4	2.3	2.1	2.1	2.0	2.3	3.2	3.1	3.1	3.5	4.4	5.5	6.7	3.39	24	7.0
27	6.6	7.4	6.8	5.3	5.7	10.3	9.9	8.3	10.1	5.3	4.0	5.7	5.3	3.1	3.3	3.0		5.1	6.1	5.3	4.8	5.7	4.4	4.3	5.97	23	12.0
28	8.3	7.3	5.6	5.1	6.0	10.6	11.9	9.3	5.3	6.1	4.9	4.6	2.8	2.4	2.4	2.8	2.8	2.4	2.0	3.0	2.7	3.8	3.0	3.0	4.90	24	15.0
29	3.7	3.3	3.4	3.3	2.8	2.8	3.0	3.7	4.5	3.7	4.0	3.6	2.3	2.9	2.9	2.8	3.0	3.2	4.8	3.0	3.0	3.0	3.0	3.0	3.27	24	6.0
30	4.6	3.6	4.2	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.5	2.1	2.4	2.9	2.4	2.2		2.40	23	6.0
31*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.9	1.9	2.0	2.0	2.2	3.4	3.4	2.5	2.5	2.15	24	4.0
MEAN	3.0	2.9	2.7	2.5	2.6	3.0	3.3	3.5	3.1	2.6	2.4	2.1	2.0	1.9	1.9	2.0	2.0	2.2	2.3	2.4	2.5	2.7	2.6	2.8	2.53		
NO	31	31	31	31	31	31	31	30	31	31	30	30	31	31	30	31	30	31	31	31	31	31	30	29		736	
MAX	8.3	7.4	6.8	5.3	6.0	10.6	11.9	9.3	10.1	6.1	6.0	5.7	5.3	3.1	3.3	3.3	4.5	5.1	6.1	5.4	5.3	6.4	5.5	6.7	5.97		15.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-227.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	2.4	2.0	2.7	2.3	2.9	3.0	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.1	2.6	2.8	2.9	3.0	2.3	2.9	2.33	24	3.0
2	2.4	3.8	5.3	3.4	3.3	3.4	3.5	3.3	3.4	3.0	2.8	2.7	2.1	2.1	2.0	2.2	2.4	3.1	2.3	2.0	2.1	2.2	2.3	2.1	2.78	24	8.0
3	2.5	2.1	3.0	3.3	3.2	2.3	3.4	4.1	3.5	2.6	2.3	2.0	2.0	2.1	2.1	3.0			3.5	3.0	3.7	2.0	2.0	2.0	2.70	22	5.0
4	2.0	2.0	1.8	2.0	2.0	2.0	2.2	2.1	2.3	2.0	2.0	2.0	2.0	2.0	2.0	1.7	2.3	2.8	2.3	2.9	2.6	1.7	1.8	3.4	2.15	24	4.0
5	2.6	2.3	2.0	2.2	2.3	3.4	3.5	3.8	3.8	3.6	2.9	2.3	2.1	2.2	2.3	2.7	2.8	2.3	1.8	1.1	1.0	1.0	1.0	1.0	2.49	24	4.0
6	2.0	1.6	1.3	1.2	1.0	1.0	1.0	1.8	2.0	1.8	2.0	1.5	1.3	1.6	1.2	1.1	1.9	2.2	1.9	1.4	1.8	1.4	1.0	1.0	1.49	24	3.0
7*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.7	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.2	1.7		2.1	3.0	2.7	4.3	1.44	23	6.0
8*	5.8	5.8	5.7	4.2	4.0	4.0	3.7	3.0	2.3	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.1	2.0	2.7	1.7	1.3	1.0	1.0	2.39	24	6.0
9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.1	2.3	2.8	3.0	3.0	2.8	1.4	1.45	24	4.0
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.7	1.7	3.6	2.3	1.0	1.0	1.0			1.0	1.3	1.8	2.7	2.1	2.9	1.2	1.3	1.53	22	5.0
11	2.1	2.2	2.8	2.2	2.9	3.6	2.7	3.3	2.3	2.1	2.3	2.5	1.8	2.0	1.8	1.0	1.3	1.7	1.0	1.1	1.4	1.8	3.6	4.4	2.31	24	6.0
12	3.8	2.9	3.6	3.9	6.8	4.3	5.2	6.0	3.9	3.8	4.1	4.0	4.4	4.3	2.7	2.1	1.7	1.9	2.4	3.3	2.7	3.0	3.3	2.0	3.69	24	11.0
13	2.6	2.8	2.7	1.7	2.0	2.0	2.8	2.6	3.4	3.4	2.3	1.0	1.0	1.1	1.0	1.0									2.07	16	5.0
14*																											
15*																											
16	6.1	5.7	4.7	4.0	4.5	4.3	3.0	3.6	3.7	3.1	3.0	3.0	3.2	3.7	4.4	4.7	4.4	4.8	4.2	2.7	2.0	2.0	1.6	1.0	3.79	24	10.0
17	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.6	1.2	1.0	1.0	1.0	1.1	1.0	1.7	1.8	2.0			3.8	2.8	1.4	1.0	1.37	22	5.0
18	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.2	1.5	1.3	1.8	1.9	2.0	1.18	24	4.0
19	1.2	1.0	1.1	1.0	1.0	1.0	1.0	1.8	2.8	2.0	1.8	2.1	1.9	1.8	1.9	2.0	2.8	3.2	2.3	2.0	2.1	3.0	2.3	2.0	1.94	24	8.0
20	1.8	1.7	1.0	1.5	2.3	2.0	1.8	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.6	1.1	1.0	1.1	1.9	2.4	2.4	1.41	24	5.0
21*	2.3	1.1	2.2	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.9	1.3	1.0	1.0	1.3	2.1	1.0	1.0	1.0	1.0	1.24	24	6.0
22*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.3	1.4	1.2	1.2	1.04	24	2.0
23	1.1	1.0	1.0	1.0	1.5	1.4	1.8	2.3	2.1	2.5	2.0	1.6	1.7	1.9	1.9	2.0	2.4	2.4	2.0	2.0	2.3	3.0	2.8	2.4	1.91	24	4.0
24	2.0	2.5	3.0	3.1	2.6	2.0	2.9	4.1	4.3	3.6	3.2	2.4	2.0	2.0	2.0	2.3	2.7	2.8	2.9	2.2	2.4	2.0	2.1	2.5	2.67	24	5.0
25	3.7	4.8	3.2	3.1	3.2	3.0	3.0	3.7	3.0	3.3	3.0		3.3	3.0	3.0	3.7	3.6	3.8	3.0	2.2	2.0	2.0	2.1	2.1	3.15	23	6.0
26	2.0	2.2	2.3	2.8	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.2	1.1	1.5	1.0	1.0	1.4	1.7	2.2	2.0	2.0	1.84	24	3.0
27	1.6	1.0	1.2	1.0	1.0	1.0	1.6	2.0	2.3	1.8	1.9	1.2	1.3	1.1	1.1	1.3	1.8	2.0	2.4	2.8	2.8	3.0	2.7	2.9	1.77	24	4.0
28*	2.5	2.3	2.0	2.0	2.4	2.4	2.0	2.8	2.0	1.9	2.0	1.3	1.2	1.3	1.3	1.9	2.0	2.0	2.2	2.4	2.3	2.0	2.0	2.0	2.01	24	3.0
29*	2.0	2.1	2.0	2.1	1.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.19	24	3.0
30	2.0	2.0	1.8	1.3	1.0	1.0	1.5	1.8	2.0			2.0	1.7				2.0	2.0	1.3	1.0	1.0	1.0	1.0	1.0	1.48	19	2.0
MEAN	2.2	2.2	2.2	2.0	2.2	2.1	2.2	2.4	2.3	2.0	1.7		1.7	1.7	1.7	1.8	1.9	2.1	2.0	2.0	2.0	2.1	1.9	2.0	2.03		
NO.	28	28	28	28	28	28	28	28	28	27	27	27	28	27	26	26	26	26	26	25	27	27	27	27		691	
MAX.	6.1	5.8	5.7	4.2	6.8	5.8	5.0	6.0	5.9	5.6	4.1	4.0	4.4	4.5	4.4	4.7	4.4	5.2	4.2	3.3	3.8	3.0	3.6	4.4	3.79		11.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-228.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

TOTAL HYDROCARBON
DEC. 1968

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1												1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.02	19	3.0
2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.8	2.3	2.1	1.1	1.0	1.0	1.1	1.0	1.2	1.8	1.1	1.0	1.1	1.1	1.0	1.0	1.20	24	4.0
3	1.0	1.0	1.0	1.1	1.0	1.1	2.4	2.8	2.3	2.6	2.7	2.5	2.2	2.3	1.9	2.0	2.7	4.3	2.7	2.0	2.0	2.0	1.7	2.3	2.07	24	5.0
4	2.2	2.0	2.0	1.3	2.0	2.0	2.7	3.3	3.8	3.7	3.1	3.0	3.1	3.7	3.7	5.0	6.3	5.9	4.3	3.3	2.8	2.2	2.0	2.0	3.13	24	7.0
5*	2.0	2.0	2.0	1.9	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.02	24	6.0
6*	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.01	24	2.0
7	1.0	1.0	1.0	1.0	1.0	1.2	1.7	2.0	2.0	2.0	1.5	1.0	1.3	1.8	1.9	1.7	2.0	2.0	1.8	2.0	2.0	1.8	1.9	2.2	1.61	24	4.0
8	2.0	1.7	1.9	2.3	2.8	2.3	2.0	2.0	2.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.8	2.5	2.0	1.8	2.11	24	4.0
9	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	1.8				2.0	2.1	2.0	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.00	21	4.0
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	3.8	3.4	3.2	3.0	3.3	3.9	4.6	4.1	3.3	2.8	3.4	3.9	3.3	3.0	2.0	2.3	2.91	24	5.0
11	2.3	2.5	2.1	2.8	2.4	2.0	2.0	2.9	3.2	2.9	2.1	2.6	2.3	2.3	2.2	2.0	2.4	3.3	2.4	2.8	2.1	2.0	2.1	2.9	2.43	24	5.0
12*	3.1	3.0	3.2	3.6	2.9	2.0	2.3	4.4	4.3	4.4	3.0	3.5	3.4	3.1	2.3	2.9	3.4	4.8	3.4	3.6	3.2	4.0	3.1	3.0	3.70	24	7.0
13*	4.9	4.1	3.3	3.0	3.0	3.0	6.1	4.9	3.5	3.0	3.0	3.1	2.7	2.2	2.0	2.0	2.1	2.3	3.0	2.1	3.0	2.2	2.3	2.0	3.02	24	8.0
14	1.5	1.0	1.0	1.0	1.0	1.0	1.4	2.0	2.0	2.0	2.0	2.0	2.0	2.3		3.6	2.0	1.9							1.74	17	3.0
15		1.0	1.0	1.0	1.1	1.4	1.9	1.7	1.4		1.0	1.0	1.0	1.0	1.0	1.0	1.1	2.0	1.1	1.0	1.0	1.0	1.0	1.0	1.16	22	7.0
16	1.0	1.0	1.0	1.0	1.0	1.0	1.1	2.0		2.0	2.0	1.3	1.8	1.4	1.1	1.2	1.7	1.8	2.0	1.9	1.6	1.8			1.46	21	6.0
17																											
18		2.0	2.0	2.0	1.2	1.0	1.2	1.8	2.0	2.0	1.9	1.6	1.8	2.0	2.0	2.0	2.0	1.8	2.0	2.0	2.0	2.0	2.0	2.0	1.83	23	6.0
19*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.00	22	2.0
20*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	23	2.0
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0			2.0	2.0	2.0	2.0	2.4							2.0	2.0		2.02	15	3.0
22										2.7	2.6	2.2	2.1	2.0	2.2	3.0		4.8	5.5	5.5	3.8	3.9	4.3		3.41	13	7.0
23																											
24																											
25																											
26*																											
27*																											
28																											
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.3		2.7	3.0	2.3	2.5	2.0	3.0	3.0	2.8	2.24	22	3.0
30	3.0	2.4	2.0	2.5	2.3	2.4	3.0	3.8	3.0	3.1		3.2	2.8	2.2	2.6	3.0	2.0		4.1	5.0	4.6	3.2	4.3	3.1	3.06	22	5.0
31	3.8	3.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.14	24	5.0
MEAN	2.1	1.9	1.8	1.8	1.8	1.7	2.1	2.4	2.5	2.4	2.3	2.1	2.1	2.1	2.1	2.2	2.2	2.6	2.4	2.4	2.3	2.2	2.1	2.0	2.15		
NO	20	22	22	22	22	22	22	22	19	21	22	23	23	22	23	22	22	22	22	21	21	23	22	20		526	
MAX	4.9	4.1	3.3	3.6	3.0	3.0	6.1	4.9	4.5	4.4	6.0	5.5	5.4	3.9	4.6	5.0	6.3	5.9	5.5	5.5	5.4	4.0	4.3	3.1	3.70		8.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-229.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS.	5-MIN. MAX.
1																											
2																											
3	.00		.00	.00	.00	.00	.00	.00	.00			.01	.01	.01	.01	.04	.04	.05	.05	.05	.04	.06	.05	.07	.026	17	.07
4*	.07		.02	.02	.02	.02	.02	.02					.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	20	.08
5*	.01		.01	.01	.01	.01	.00	.00	.01	.00	.01	.01	.02	.02	.02	.02	.00	.01	.01	.00	.02	.01	.01	.02	.009	23	.03
6	.03		.01	.01	.01	.00	.00										.01	.00	.00	.01	.01	.01	.01	.01	.008	14	.03
7	.01		.01	.01	.01	.01	.01	.02	.03	.02	.01	.01	.01	.01	.02	.01	.01	.01	.01	.00	.01	.00	.01	.01	.011	23	.04
8	.01		.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.006	23	.03
9																											
10																											
11*																											
12*																											
13																											
14																											
15	.00		.00	.00	.00	.00	.00	.00	.00		.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	20	.01
16	.00		.00	.00	.00	.00	.00	.00	.00	.00		.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.01
17	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01			.01	.00	.00	.00	.00	.00	.00	.001	21	.04
18*	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	20	.04
19*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.003	23	.03
20	.01		.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.03	.02	.03	.03	.05	.03	.02	.02	.02	.01	.01	.01	.014	23	.07
21	.01		.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.008	23	.02
22																											
23																											
24																											
25*	.01		.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.01	.00	.01	.01	.00	.00	.00	.018	23	.04
26*	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.01	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.001	22	.02
27																											
28																											
29	.01		.00	.01	.01	.00	.00	.00	.00	.01	.00			.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.003	21	.03
30	.00		.00	.00	.01	.01	.00	.01	.01	.00	.00	.01	.02	.02	.02	.02	.01	.01	.02	.02	.01	.01	.01	.00	.010	23	.04
31	.01		.01	.01	.01	.00	.00	.02	.02	.01	.02	.02	.01	.01			.01	.01	.01	.01	.01	.02	.01	.01	.011	21	.04
MEAN	.01		.01	.01	.01	.01	.00	.01	.01								.01	.01	.01	.01	.01	.01	.01	.01	.008		
NO.	18		18	18	18	18	18	17	16	14	14	14	12	14	14	15	17	18	18	18	18	18	18	18		581	
MAX	.07		.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.02	.03	.04	.05	.05	.05	.05	.04	.06	.05	.07	.026		.08

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-230.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

TOTAL OXIDANT
FEB. 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.02		.00	.02	.01	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04	.03	.03	.03	.03	.03	.02	.026	23	.08
2*	.02		.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.03	.03	.02	.02	.02	.03	.02	.01	.022	23	.06
3	.02		.02	.03	.03	.04	.03	.03	.03								.01	.01	.01	.01	.01	.00	.00	.00	.016	16	.04
4	.00		.00	.00	.00	.00	.01	.01	.00	.01		.00	.00								.00	.00	.00	.00	.002	15	.01
5	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.02				.01	.01	.02	.02	.03	.04	.03	.011	20	.10
6	.03		.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00			.03	.02	.02	.01	.01	.01	.01	.01	.008	21	.06
7	.01		.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.01	.01	.01	.01	.006	23	.02
8*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
9*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01			.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	21	.01
10	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00					.00	.00	.00	.00	.00	.00	.00	.000	14	.00
11	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.00
12	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.001	22	.01
13	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.000	20	.01
14	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01			.00	.00	.00	.00	.00	.00	.00	.003	21	.02
15*																											
16*																											
17																											
18										.01	.02	.02	.01	.01			.01	.02	.02	.02	.02	.02	.02	.02	.015	15	.02
19	.01		.02	.02	.02	.02	.01	.01	.02	.02							.02	.02	.02	.02	.02	.02	.02	.01	.018	17	.03
20	.01		.02	.03	.03	.04	.01	.01	.02		.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.016	22	.04
21	.01		.00	.01	.00	.00	.00	.00			.01	.01	.02	.02			.01	.01	.00	.01	.00	.01	.01	.01	.007	19	.03
22*	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.00	.00	.00	.00	.00	.005	23	.03
23*	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02	.02	.03	.03	.02	.01	.01	.00	.00	.00	.00	.009	23	.04
24	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.00	.00	.00	.005	23	.03
25	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.004	23	.02
26	.02		.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.02	.01	.008	23	.03
27	.02		.01	.01	.00	.00	.00	.01	.01	.02	.02	.02				.02	.01	.00	.00	.00	.00	.00	.00	.00	.006	20	.03
28	.00		.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.01	.00	.00	.01	.00	.01	.01	.01	.02	.01	.02	.007	23	.04
29*	.02		.03	.03	.01	.01	.01	.00	.01	.02	.02										.00	.00	.00	.00	.011	14	.03
MEAN	.01		.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.008		
NO.	25		24	25	25	25	25	25	24	23	23	21	20	20	15	15	20	24	24	24	26	26	26	26		531	
MAX	.03		.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04	.03	.03	.03	.03	.04	.03	.026		.10

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-231.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

TOTAL OXIDANT
MARCH 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.02
2	.00		.00	.00	.00	.00	.00	.00	.00	.01	.02	.03	.04			.03	.02	.02	.03	.04	.03	.02	.02	.02	.016	21	.06
3	.02		.02	.02	.02	.02	.03	.03	.04	.03				.02				.02	.02	.02	.04	.05	.06	.05	.028	17	.08
4	.04		.05	.07	.06	.06	.06	.04	.05	.02	.03	.04	.05	.02	.05	.02	.03	.02	.02	.02	.02	.02	.02	.02	.031	23	.08
5	.02		.02	.01	.01	.01	.01	.01	.01	.01	.02		.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.014	22	.03
6	.01		.03	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02			.02	.02	.01	.02	.02	.01	.01	.02	.017	21	.05
7*	.02		.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	.03	.04	.04	.03	.02	.02	.02	.02	.02			.021	21	.05
8*																											
9										.02	.02	.01	.02	.03	.01	.02	.01	.02	.01	.01	.01	.01	.01	.01	.014	15	.03
10	.01		.01	.01	.02	.03	.02	.03	.04	.03						.01	.01	.01	.01	.02	.02	.01	.01	.01	.017	18	.05
11	.01		.03	.02	.02	.02	.01	.01	.02	.01	.02	.02				.02	.02	.01	.01	.00	.01	.01	.00	.00	.012	20	.03
12	.00		.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.01	.02	.01	.01	.01	.01	.01	.01	.00	.00	.01	.007	23	.06
13																											
14*																											
15*																											
16											.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.024	14	.04
17	.02		.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.024	23	.04
18	.03		.03	.03	.02	.02	.01	.02	.02			.02	.02	.02	.02	.03	.02	.02	.02	.01	.01	.01	.02	.02	.020	21	.03
19	.02		.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.018	23	.03
20	.02		.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04			.03	.03	.02	.02	.02	.02	.02	.02	.02	.022	21	.04
21*	.02		.02	.02	.02	.03	.02	.02	.02	.02	.03	.03	.03	.03			.03	.02	.02	.02	.02	.02	.02	.02	.023	21	.03
22*	.02		.02	.02	.02	.02	.02	.03	.03	.03	.03	.04				.05	.05	.03	.03	.02	.03	.04	.02	.02	.028	20	.06
23	.02		.02	.02	.02	.02	.02	.03	.04	.04	.04	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.02	.025	23	.05
24	.02		.03	.03	.03	.04	.04	.05	.03	.04	.04	.05	.05	.05	.05	.05	.05	.04	.03	.03	.02	.03	.03	.03	.036	23	.07
25	.03		.04	.02	.02	.02	.03	.04	.03	.03	.03	.02	.04	.05	.05	.04	.04	.03	.03	.03	.02	.02	.02	.02	.028	23	.06
26	.02		.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03			.02	.02	.02	.02	.02	.02	.02	.02	.021	21	.03
27	.02		.02	.02	.02	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.019	23	.03
28*	.01		.01	.01	.01	.01	.01	.01	.02	.02	.03	.04	.05	.05	.05	.04	.04	.03	.04	.04	.03	.02	.02	.02	.026	23	.06
29*	.02		.02	.01	.01	.01	.02	.02	.03	.03	.04	.04	.03	.03	.03	.03	.02	.03	.02	.02	.01	.01	.01	.01	.021	23	.04
30	.01		.02	.01	.01	.01	.01	.01	.01	.02			.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.013	21	.03
31	.01		.01	.01	.01	.01	.00	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.012	23	.03
MEAN	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.020		
NO.	25		25	25	25	25	25	25	25	25	23	23	23	22	18	23	26	27	27	27	27	27	26	26		570	
MAX.	.04		.05	.07	.06	.06	.06	.05	.04	.04	.04	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.05	.06	.05	.036		.08

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-232.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

PHILADELPHIA, PA.

TOTAL OXIDANT
APRIL 1964

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.01	.01	.01	.00	.01	.015	23	.04
2	.02		.01	.01	.01	.01	.01	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03	.03	.02	.03	.03	.03	.03	.02	.026	23	.05
3																											
4*																											
5*	.01		.01	.01	.01	.01	.02	.02	.02	.01	.01	.02	.03	.04	.05	.05	.05	.04	.03	.01	.01	.02	.02	.01	.022	23	.06
6	.01		.02	.02	.02	.01	.01	.01	.01	.02	.03	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.01	.01	.01	.017	23	.05
7	.02		.01	.01	.01	.01	.02	.02	.02	.02	.03	.04	.02	.02	.01	.02	.03	.03	.03	.02	.03	.02	.01	.01	.019	23	.05
8	.01		.01	.01	.01	.01	.02	.04	.03	.03	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.014	23	.05
9	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.015	23	.02
10	.00		.01	.01	.01	.01	.00	.01	.02	.03	.03	.03	.04	.03	.03	.03	.03	.01	.01	.01	.01	.01	.01	.01	.017	23	.04
11*																											
12*																											
13																											
14	.01		.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.015	23	.03
15	.01		.02	.02	.03	.02	.01	.01	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.01	.02	.01	.01	.02	.02	.018	23	.04
16	.02		.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.01	.01	.01	.01	.01	.01	.018	23	.03
17	.01		.01	.02	.01	.02	.01	.02	.02	.02	.04	.04	.05	.06	.07	.07	.07	.04	.02	.02	.01	.01	.01	.01	.026	23	.08
18*	.01		.01	.01	.00	.01	.00	.01	.01	.02	.03						.06	.03	.02	.01	.02	.02	.02	.01	.017	18	.07
19*	.02		.01	.02	.02	.02	.02	.02	.02	.03	.02						.02	.02	.02	.02	.02	.02	.02	.02	.020	18	.03
20	.02		.03	.03	.03	.03	.03	.02	.02	.02	.03	.02	.04	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.01	.023	23	.04
21	.02		.03	.03	.04	.03	.02	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.025	23	.04
22	.02		.04	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.02	.025	23	.05
23	.02		.02	.02	.01	.02	.02	.03	.03	.03	.04	.04	.05	.05	.06	.05	.05	.04	.04	.03	.03	.03	.03	.03	.033	23	.07
24	.03		.04	.02	.02	.02	.02	.04	.03	.03		.04	.04			.03	.03	.02	.02	.02	.02	.02	.02	.02	.023	20	.05
25*																											
26*																											
27	.02		.01	.01	.02	.02	.03	.03		.04	.03	.04	.04	.03	.03	.03	.02	.03	.03	.02	.02	.02	.01	.01	.024	22	.05
28																											
29																											
30																											
MEAN	.01		.02	.02	.02	.02	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.01	.021		
NO	20		20	20	20	20	20	20	19	20	19	18	18	17	17	18	20	20	20	20	20	20	20	20		446	
MAX	.03		.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.06	.07	.07	.07	.04	.04	.03	.03	.03	.03	.03	.033		.08

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-233.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX.
1																											
2*	.02		.02	.02	.02	.02	.02	.02	.01	.02	.03				.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.020	20	.04
3*	.02		.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.03	.02	.03	.03	.03	.02	.02	.02	.02	.01	.01	.01	.019	23	.04
4	.02		.01	.02	.01	.02	.03	.03	.05	.04	.07	.07	.06	.07	.07	.08	.07	.09	.04	.02	.02	.02	.02	.02	.040	23	.10
5	.02		.02	.02	.02	.02	.02	.03	.03	.03	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.020	23	.04
6	.01		.01	.01	.01	.01	.02	.02	.03	.03	.04							.03	.02	.02	.01	.01	.01	.01	.017	17	.05
7	.01			.01	.01	.02	.02	.02	.03	.04	.05	.06	.06	.05	.05	.04	.04	.04	.03	.02	.02	.01	.01	.01	.029	22	.07
8																											
9*																											
10*	.03		.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.02	.01	.01	.01	.01	.028	23	.05
11	.01		.03	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.04	.04	.03	.02	.02	.02	.01	.028	23	.05
12	.01		.01	.01	.01	.01	.01	.02	.02	.01	.03	.03	.04	.04	.04	.03	.04	.04	.03	.02	.03	.02	.03	.02	.024	23	.06
13	.02		.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04										.021	14	.04
14																											
15																											
16*																											
17*																											
18																											
19	.07		.07	.05	.02	.02	.03	.03	.05	.06	.07	.08	.13	.14	.12	.10	.09	.07	.05	.04	.03	.03	.03	.03	.061	23	.15
20																											
21																											
22	.01		.00	.01	.01	.01	.01	.01	.01			.06	.07	.10	.10	.12	.10	.08	.07	.04	.03	.03	.02	.01	.042	21	.13
23*	.02		.03	.03	.02	.02	.03	.06	.10	.10	.11	.12	.11	.10	.09	.09	.09	.09	.09	.08	.04	.03	.02	.02	.064	23	.13
24*	.02		.02	.02	.01	.02	.02	.06	.08	.13	.11	.09	.09	.09	.09	.09	.10	.08	.06	.04	.02	.02	.02	.02	.056	23	.15
25	.03		.04	.04	.04	.03	.03	.04	.04	.04	.04	.05	.04	.05	.05	.05	.04	.04	.03	.02	.02	.02	.01	.01	.034	23	.05
26	.01		.02	.03	.01	.02	.03		.04	.05	.06	.07	.07	.06	.06	.08	.07	.09	.05	.02	.01	.02	.01	.01	.039	22	.10
27	.02		.02	.02	.02	.01	.01	.03	.05	.06	.07	.07	.07	.07	.07	.07	.07	.07	.07	.05	.05	.04	.04	.03	.046	23	.08
28	.03		.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.04			.04	.03	.03	.02	.02	.02	.02	.01	.02	.027	21	.05
29	.03		.03	.03	.02	.02	.02	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.02	.02	.02	.032	23	.05
30*	.02		.02	.02	.02	.02	.03	.04	.04	.05	.06	.06	.06	.07	.08	.08	.09	.09	.07	.04	.05	.04	.03	.03	.048	23	.10
31*	.04		.01	.01	.02	.02	.03	.03	.04	.04	.02	.01	.05	.06	.05	.05	.05	.05	.05	.04	.03	.03	.03	.02	.034	23	.08
MEAN	.02		.02	.02	.02	.02	.02	.03	.04	.04	.05	.05	.06	.06	.06	.06	.06	.05	.04	.03	.02	.02	.02	.02	.035		
NO	21		20	21	21	21	21	20	21	20	20	19	19	18	19	19	19	20	20	20	20	20	20	20		454	
MAX	.07		.07	.05	.04	.03	.03	.06	.10	.13	.11	.12	.13	.14	.12	.12	.10	.09	.09	.08	.05	.04	.04	.03	.064		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-234.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

TOTAL OXIDANT
JUNE 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03		.02	.02	.00	.00	.01	.02	.03	.02	.02	.03	.05	.03	.03	.03	.03	.02	.02	.02	.03	.02	.02	.01	.022	23	.06
2	.01		.01	.01	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.05	.05	.05	.05	.05	.03	.04	.04	.02	.01	.029	23	.07
3	.02		.01	.01	.01	.02	.01	.01	.04	.05	.06	.07	.07	.05	.04	.03	.03	.03	.05						.034	18	.08
4																											
5	.03		.03	.03	.03	.04	.02	.04	.03	.04	.04	.04	.05			.06	.06	.06	.06	.03					.037	17	.08
6*							.02	.02	.02	.03	.04	.04	.06	.07	.07	.06	.07	.07	.05	.06	.05	.04	.04	.03	.046	18	.08
7*	.03		.03	.01	.01	.01	.02	.03	.03	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.03	.03	.03	.03	.03	.032	23	.05
8	.02		.01	.01	.01	.01	.00	.01		.06	.07	.05	.07	.07	.08	.08	.06	.08	.04	.04	.02	.02	.01	.01	.036	22	.12
9	.02		.02	.01	.01	.01	.02	.04	.03	.05	.08	.08	.10	.10	.10										.046	14	.11
10																											
11	.04		.03	.03	.02	.02	.01	.02						.05	.05	.05	.05	.05	.04	.02	.02	.04	.03	.02	.031	18	.08
12	.01		.01	.02	.02	.02	.02	.03	.04	.06	.07	.13	.09	.13	.12	.11	.13	.11	.10	.08	.08	.06	.04	.02	.063	23	.15
13*																											
14*																											
15	.01		.02	.02	.02	.01	.01	.02	.02	.03	.07	.12	.12	.13	.11	.10	.06	.05	.01	.02	.00	.02	.02	.03	.044	23	.14
16	.03		.04	.04	.03	.03	.02	.02	.03	.04	.03	.03	.03	.03	.02	.03	.03	.03	.03	.02	.01	.01	.02	.01	.027	23	.05
17																											
18											.07	.09	.08	.08	.09	.08	.09	.08	.09	.08	.07	.06	.06	.06	.076	14	.11
19	.06		.05	.05	.04	.04	.03	.02	.02	.03	.03	.03	.03			.05	.03	.04	.01	.00		.01		.02	.030	19	.07
20*	.03		.01	.01	.01	.01	.01	.00	.03	.04	.04	.06	.09	.09	.08	.08	.08	.08	.07	.05	.03	.01	.01	.01	.040	23	.12
21*	.01		.02	.02	.01	.01	.01	.03	.06	.07	.05	.08	.09		.15	.16	.12	.09	.06	.06	.05	.02	.01	.02	.054	22	.17
22	.05		.01	.02	.01	.01	.01						.07	.05	.06	.07	.06	.06	.07	.07	.07	.06	.06	.05	.046	18	.10
23	.06		.02	.05	.05	.03	.04	.03	.03	.05	.06	.07	.05	.08	.06	.03	.04	.05	.07	.05	.04	.03	.02	.02	.044	23	.09
24	.03		.02	.01	.01	.01	.01	.01	.02	.02	.04	.05	.04	.08	.08	.03	.02	.01	.02	.02	.02	.01	.01	.02	.025	23	.11
25	.01		.02	.02	.01	.01	.02	.02	.03	.04	.04	.04	.04	.05			.03	.03	.03	.01	.01	.01	.02	.01	.024	21	.09
26	.01											.08	.11	.13	.12	.11	.10	.09	.07	.06	.03	.03	.02	.04	.071	14	.14
27*	.05		.03	.04	.03	.04	.05	.05			.11	.12	.12	.12	.11	.08	.07	.06	.06	.04	.03	.03	.03	.03	.061	21	.13
28*	.03		.03	.03	.03	.04	.03	.04	.05	.05	.06	.07	.07	.07	.06	.07	.08	.07	.05	.03	.04	.03	.02	.01	.044	23	.13
29	.01		.01	.02	.02	.02	.03	.04	.03	.04	.05	.09	.10	.13	.19	.21	.20	.19	.13	.07	.07	.07	.05	.03	.077	23	.24
30	.02		.01	.01	.00	.02	.02	.03	.09	.12	.13	.13	.13	.13			.12	.13	.16	.11	.10	.08	.07	.05	.079	21	.18
MEAN	.03		.02	.02	.02	.02	.02	.02	.03	.04	.05	.07	.07	.08	.08	.07	.07	.06	.06	.04	.04	.03	.03	.02	.044		
NO.	23		22	22	22	22	23	22	19	20	22	23	24	22	21	22	24	24	24	23	21	22	21	22		510	
MAX.	.06		.05	.05	.05	.04	.05	.05	.09	.12	.13	.13	.13	.13	.19	.21	.20	.19	.16	.11	.10	.08	.07	.06	.079		.24

* Indicates Saturday or Sunday
Local standard time used

TABULATED 4TH, DEC. 4, 1968

Table 3-235.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS.

TOTAL OXIDANT
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX.
1	.04		.03	.02	.02	.02	.03	.06				.12	.11	.10	.12	.11	.10	.10	.11	.11	.04	.05	.04	.04	.068	20	.14
2	.02		.03	.02	.02	.02	.03	.05	.06	.10	.06		.11	.10	.11	.07									.096	14	.13
3																											
4*	.02			.01	.01	.01	.02	.03			.04	.03	.05	.03	.04	.06	.07	.06	.05	.03	.02	.02	.03	.02	.031	20	.07
5*	.02		.01	.02	.02	.01	.02	.02	.03	.03	.03		.05	.03	.03	.03	.03	.03	.03	.01	.01	.01	.01	.01	.021	22	.04
6	.01		.01	.02	.01	.02	.02	.02		.04	.04	.04	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.01	.024	22	.05
7	.01		.02	.02	.02	.02	.03	.03				.07	.08	.08	.07	.07	.07	.05	.07	.06	.05	.03	.03	.02	.045	20	.10
8	.03		.04	.04	.03	.02	.02				.03	.03	.05	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.026	20	.04
9	.02		.03	.04	.04	.02	.01	.01	.02	.03	.03	.03	.03	.03					.04	.04	.04	.03	.02	.02	.027	19	.05
10	.02		.01	.01	.02	.01	.02	.03	.05	.06	.06	.07	.07	.07	.07							.02	.02	.03	.037	17	.09
11*	.03		.02	.02	.02	.02	.02	.03	.04	.06	.10	.17	.15	.15	.14	.11	.07	.07	.06	.06	.05	.04	.02	.02	.062	23	.18
12*	.02		.02	.03	.04	.05	.05	.07	.08	.07	.09	.08	.07	.08	.08	.09	.09	.08	.08	.07	.06	.06	.05	.05	.063	23	.11
13	.06		.05	.05	.04	.03	.02	.02	.04	.05	.06	.06	.07	.06	.04	.06	.04	.02	.02	.02	.01	.01	.00	.00	.036	23	.08
14	.01		.01	.01	.01	.01	.00	.01	.02	.05	.08	.10	.09	.09	.09	.08	.08	.07	.08	.09	.08	.07	.06	.05	.052	23	.11
15	.04		.05	.05	.03	.02	.03	.05	.09	.08	.07	.08		.07	.08	.07	.06		.04	.03	.03	.02	.02	.02	.049	21	.10
16	.02		.02	.02	.01	.02	.01	.03	.04	.09	.12	.13					.08	.07	.06	.06	.04	.05	.02	.01	.046	19	.15
17	.02		.04	.02	.02	.01	.01	.03		.11	.12	.09	.11							.04	.04	.03	.02	.02	.045	16	.13
18*	.01		.00	.00	.01	.01	.00	.00	.01	.04	.04	.06	.06	.06	.05	.04	.04	.04	.04	.03	.02	.02	.01	.01	.026	23	.07
19*	.01		.01	.01	.01	.01	.02	.02	.03	.04	.04		.06	.07	.08	.09	.08	.06	.04	.03	.04	.02	.01	.01	.035	22	.10
20	.01		.01	.01	.00	.00	.00	.01	.04	.06						.06	.05	.05	.04	.03	.02	.02	.01	.01	.023	18	.10
21	.02		.01	.01	.01	.00	.01	.02	.03	.05	.04	.05	.05	.05	.05	.05	.04	.04	.03	.03	.02	.02	.01	.01	.027	23	.06
22	.02		.02	.01	.01	.01	.01	.01	.02	.03	.04	.05	.05	.04			.04	.04	.02	.03	.02	.02	.01	.01	.024	21	.06
23	.01		.02	.02	.01	.01	.01	.02	.03	.03	.04		.06	.05		.06	.05	.04	.03	.03	.02	.01	.01	.01	.026	21	.08
24	.01			.02	.03	.03	.02	.02	.02	.02	.03	.03	.05										.01	.01	.021	13	.05
25*	.01		.01	.01	.01	.01	.01	.02	.02	.03	.03	.03										.03	.03	.03	.019	14	.04
26*	.03		.03	.03	.03	.02							.06				.04	.03	.03	.03	.02	.03	.02	.00	.029	14	.07
27	.01		.00	.00	.00	.00	.00	.01	.02	.03	.07	.07	.08	.08	.09	.09	.07	.06	.06	.06	.05	.04	.04	.04	.042	23	.11
28			.00	.00	.01	.00	.00	.00	.01	.03	.01	.04						.03	.03	.02	.01	.01	.01	.00	.012	17	.05
29																											
30	.03		.03	.03	.03	.02	.02	.03	.03	.04	.06	.07	.07	.07	.07	.07	.06	.06	.04	.03	.02	.02	.02	.03	.041	23	.08
31																											
MEAN	.02		.02	.02	.02	.01	.02	.02	.03	.05	.05	.07	.07	.07	.07	.07	.06	.05	.04	.04	.03	.03	.02	.02	.037		
NO.	27		26	28	28	28	27	26	21	23	24	22	23	21	18	19	21	21	23	24	24	26	27	27		554	
MAX.	.06		.05	.05	.04	.05	.05	.07	.09	.11	.12	.17	.15	.15	.14	.11	.10	.10	.11	.11	.08	.07	.06	.05	.068		.18

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-236.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

TOTAL OXIDANT
AUG. 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*																											
2*																											
3																											
4	.02		.02	.02	.04	.03	.04	.05	.05	.05							.13	.09	.07	.06	.06	.05	.05	.03	.049	17	.14
5	.02		.02	.02	.01	.02	.03	.03	.04	.05	.05	.05	.05				.06	.05	.04	.03	.02	.02	.01	.01	.031	20	.08
6	.02		.02	.03	.03	.04	.02	.04	.03	.04	.04	.04	.06	.07	.07	.07	.05	.05	.05	.03	.03	.03	.03	.04	.037	23	.09
7	.02		.03	.02	.04	.04	.06	.07	.08	.11	.16	.11	.09	.09	.09	.09	.09	.09	.08	.08	.09	.10	.10	.09	.077	23	.20
8*	.08		.08	.07	.04	.02	.02	.02	.03	.05			.10	.10	.10	.09	.08	.06	.04	.02	.02	.02	.01	.02	.050	21	.11
9*	.01		.01	.01	.01	.01	.02	.03	.03	.04	.04	.04	.05	.05	.05	.04	.04	.04	.03	.02	.02	.02	.02	.02	.028	23	.08
10	.02		.02	.02	.02	.03	.04	.05	.04	.06	.07	.06	.05	.06	.05	.05	.06	.06	.05	.05	.04	.05	.03	.04	.043	23	.08
11	.04		.04	.03	.02	.02	.01	.03	.05	.05	.06	.09	.08	.09	.07	.06	.06	.05	.05	.03	.03	.02	.02	.02	.043	23	.12
12	.02		.02	.02	.02	.02	.01	.00	.01	.05	.06	.06	.07	.06						.04	.02	.02	.02	.02	.030	18	.07
13	.02		.02	.02	.02	.02	.00	.01	.02	.03	.03	.03	.03			.03	.03	.03	.03	.02	.02	.02	.01	.01	.021	21	.04
14	.01			.01	.01	.01	.02	.02	.03	.04	.04	.05	.05	.05			.04	.04	.03	.03	.03	.02	.03	.03	.028	20	.06
15*	.03		.03	.02	.02	.02	.02	.03	.04	.05	.06	.07	.07	.08	.09	.09	.08	.07	.07	.05	.04	.04	.03	.03	.049	23	.10
16*	.02		.03	.03	.02	.03	.03	.06	.07	.10	.08	.09	.09	.09	.08	.08	.08	.07	.07	.06	.06	.06	.04	.05	.060	23	.13
17	.06		.05	.05	.04	.03	.02	.03	.05	.07	.07	.07				.08	.08	.10	.09	.06	.04	.03	.02	.03	.054	20	.11
18	.06		.04	.04	.04	.02	.04	.04	.08	.08	.08	.10	.11	.11	.11	.11	.05	.04	.03	.02	.02	.03	.02	.02	.056	23	.13
19	.02		.02	.02	.01	.02	.02	.03	.04	.04	.05						.03	.03	.02	.02	.02	.02	.02	.02	.025	18	.05
20																											
21										.05	.04	.06	.07	.09	.10	.11	.09	.12	.12	.12	.11	.11	.09	.07	.088	19	.13
22*	.04		.04	.04	.02	.02	.02	.04	.03	.06	.07	.08	.08	.07	.07	.07	.06	.06	.04	.04	.03	.03	.03	.03	.044	23	.08
23*	.03		.03	.02	.02	.02	.01	.01	.02	.03	.06	.08	.09	.09	.08	.08	.08	.07	.04	.03	.04	.03	.03	.03	.044	23	.10
24	.02		.02	.02	.02	.01	.02	.03	.04	.05	.06	.07	.07			.06		.08	.07	.05	.04	.04	.02	.02	.040	20	.09
25	.02		.02	.01	.02	.01	.02	.03		.06		.10	.09	.09	.09	.10	.08	.09	.08	.08	.06	.06	.04	.03	.055	21	.14
26																											
27	.02		.02	.02	.02	.01	.02	.04	.05	.05	.08	.11					.16	.12	.08			.04	.05	.03	.053	17	.19
28																											
29*																											
30*	.01		.01	.02	.01	.00	.01	.02	.07	.10	.13	.13	.11	.08	.10	.08	.05	.03	.02	.02	.02	.02	.01	.01	.045	23	.16
31	.01		.01	.01	.01	.01	.00	.00	.01	.01	.02	.05	.07	.06	.05	.05	.04	.03	.03	.02	.00	.00	.00	.00	.021	23	.07
MEAN	.03		.03	.02	.02	.02	.02	.03	.04	.05	.06	.07	.07	.08		.07	.07	.06	.05	.04	.04	.04	.03	.03	.044		
NO	23		22	23	23	23	23	23	22	24	21	21	20	17	15	18	22	23	23	23	23	24	24	24		504	
MAX	.08		.08	.07	.04	.04	.06	.07	.08	.11	.16	.13	.11	.11	.11	.11	.16	.12	.12	.12	.11	.11	.10	.09	.088		.20

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-237.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

PHILADELPHIA, PA.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01		.05	.05	.04	.03	.02	.03	.04	.04	.05	.06	.06	.07	.06	.05	.04	.03	.03	.02	.02	.02	.02	.02	.037	23	.08
2	.03		.03	.04	.03	.02	.02	.03	.04	.05	.05	.05	.05	.05											.037	13	.06
3																											
4																											
5*	.02		.01	.02	.02	.02	.03	.04	.07	.07	.08	.09				.08	.07	.06	.03	.02	.02	.02	.01	.02	.040	20	.10
6*	.02		.03	.04	.03	.02	.02	.04	.05	.05	.06	.06	.07				.08	.07	.04	.04	.03	.03	.03	.04	.041	20	.09
7	.03		.02	.02	.02	.02	.02	.03	.05	.05	.09	.10	.13	.13	.15	.13	.10	.08	.06	.03	.02	.01	.02	.02	.058	23	.16
8	.02		.03	.03	.03	.02	.02	.03	.06	.06	.07	.09				.15	.14	.11	.05	.03	.03	.02	.01	.02	.051	20	.18
9	.02		.02	.02	.01	.01	.02	.03	.06	.08	.11	.14	.17			.18	.14	.13	.09	.04	.03	.03	.02	.01	.064	21	.20
10	.02		.02	.02	.02	.02	.02	.05	.05	.08			.08	.08	.08	.07	.05	.05	.03	.02	.02	.01	.01	.01	.036	21	.10
11	.01			.01	.01	.01	.00	.00	.01	.02	.03	.04	.05				.05	.04	.03	.05	.06	.03	.02	.02	.025	19	.07
12*	.02		.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04			.03	.03	.03	.02	.02	.01	.01	.023	21	.06
13*	.01		.02	.02	.03	.02	.02	.02	.01			.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.020	21	.03
14	.02		.02	.03	.04	.03	.02	.03	.04	.05	.05	.05	.05	.05	.05	.06	.05	.04	.03	.03	.03	.03	.02	.02	.035	23	.06
15	.02		.02	.02	.03	.03	.04	.06	.04	.06	.07	.07	.09		.09	.07	.06	.04	.03	.03	.02	.03	.03	.03	.044	22	.11
16	.02		.02	.02	.01	.02	.03	.03	.04	.04							.03	.02	.03	.02	.03	.02	.02	.02	.024	17	.05
17	.02		.03	.02	.04	.03	.02	.03	.03	.04				.11	.13	.11	.07	.04	.04	.03	.03	.03	.03	.03	.045	20	.17
18	.02		.02	.02	.02	.02	.02	.03	.05	.10	.17	.20	.16	.20	.10	.11	.06	.04	.03	.03	.03	.02	.02	.02	.064	23	.25
19*	.02		.02		.06	.05	.02	.02	.02	.03				.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.023	19	.07
20*	.02		.01	.02	.01	.01	.01	.01	.01	.02		.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	22	.03
21	.02		.01	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.018	23	.04
22	.01		.01	.01	.01	.01	.02	.02	.03	.03	.04	.05	.05	.05	.05	.05	.03	.03	.02	.02	.02	.02	.02	.02	.026	23	.06
23	.01		.02	.02	.02	.02	.02	.02	.03	.03	.04	.04					.06	.06	.05	.04	.03	.03	.02	.02	.030	19	.07
24	.02											.05	.06	.06	.06	.06	.04	.03	.02	.02	.02	.02	.02	.02	.035	14	.12
25	.02		.02	.02	.02	.02	.01	.02	.03						.03	.03	.03	.02	.03	.02	.03	.03	.04		.024	17	.05
26*																											
27*																											
28		.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02			.03	.01	.02	.01	.01	.01	.01	.01	.018	21	.05
29		.01	.01	.01	.01	.01	.02	.03		.03	.03	.04	.04	.03	.05	.03	.02	.01	.01	.02	.03	.03	.03	.03	.023	22	.05
30		.02	.02	.02	.01	.02	.02	.03		.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.06	.07	.03	.04	.025	22	.09
MEAN	.02		.02	.02	.02	.02	.02	.03	.04	.04	.06	.06	.06	.06	.06	.07	.05	.04	.03	.02	.03	.02	.02	.02	.034		
NO	23	3	24	24	25	25	25	25	23	23	18	21	19	17	17	19	24	25	25	25	25	25	25	24		529	
MAX	.03	.03	.05	.05	.06	.05	.04	.06	.07	.10	.17	.20	.17	.20	.15	.18	.14	.13	.09	.05	.06	.07	.04	.04	.064		.25

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-238.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
OCT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1		.03	.02	.02	.01	.01	.02	.05	.07	.04	.04	.04	.05	.03			.03	.02	.02	.02	.02	.02	.02	.02	.029	21	.13
2		.07	.01	.02	.01	.01	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.01	.01	.01	.017	23	.06
3*		.01	.02	.02	.03	.02	.02	.02	.02	.03	.03	.03	.04	.04	.04	.04	.03	.02	.02	.02	.02	.01	.02	.03	.025	23	.05
4*		.03	.02	.02	.01	.01	.02	.02	.02	.03	.02	.02	.02				.01	.01	.01	.01	.01	.01	.01		.016	19	.03
5		.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.01		.020	22	.04
6		.02	.02	.02	.02	.02	.03	.04	.03	.03	.04	.04	.03	.04	.04	.03	.03	.02	.04	.04	.03	.01	.02		.028	22	.06
7		.01	.01	.01	.01	.01	.01	.02		.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.02	.02	.02	.02	.021	22	.05
8		.01	.01	.01	.02	.02		.03	.02			.01	.03	.03	.04	.04	.02	.03	.02	.02	.02	.01	.02		.021	19	.05
9		.02	.02	.02	.02	.03	.03	.06	.04	.04	.05	.05	.05	.05	.04	.03	.03	.02	.02	.02	.02	.02	.02		.031	22	.07
10*		.01	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.01	.02		.016	22	.03
11*		.01	.02	.01	.02	.01	.01	.01	.02	.03	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.03	.03		.017	22	.04
12		.04	.04	.03	.03	.03	.02	.04	.03	.02	.01	.01	.02	.02	.01		.02	.01	.01	.01	.01	.02	.01		.020	21	.09
13		.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.04	.04	.04			.03	.02	.03	.03	.03	.02	.02	.05	.026	21	.06
14		.03	.02	.01	.03	.03	.03	.04	.03	.02	.03	.03	.03	.03	.03	.03	.02	.02	.03	.06	.05	.05	.06	.05	.032	23	.09
15	.05		.04	.02	.02	.03	.04	.05	.03	.03	.03	.03	.04	.09	.05	.04	.02	.02	.02	.02	.02	.02	.02	.02	.032	23	.12
16	.01		.05	.04	.05	.05	.04	.06	.04	.04	.02	.02	.01	.02			.03	.02	.02	.01	.01	.01	.01	.01	.027	21	.07
17*	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.02					.01	.01	.01	.01	.01	.01	.01	.01	.011	19	.02
18*	.01		.01	.01	.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03	.03	.03	.01	.01	.00	.01	.01	.01	.00	.015	23	.05
19	.01		.02	.02	.02	.02	.03	.03	.01	.01	.01				.02	.01	.01	.01	.01	.01		.01	.00	.01	.014	19	.06
20	.00		.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01			.02	.02	.02	.02	.02	.02	.02	.02	.015	21	.03
21																											
22										.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.022	15	.04
23	.02		.02	.01	.01	.02	.03	.04	.03	.02	.02	.02	.02	.02			.02	.01	.01	.02	.02	.02	.01	.01	.018	21	.05
24*	.01		.02	.01	.01	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01							.019	17	.04
25*																											
26																											
27										.07	.08	.07	.06		.03	.03	.03	.03	.03	.02	.03	.03	.04	.05	.043	14	.12
28	.06		.05	.05	.06	.03	.03	.03	.04	.05	.04	.05	.04	.05	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.034	23	.10
29	.02		.01			.01	.01	.02	.02			.04	.03	.03	.02	.02	.01	.02	.02	.02	.02	.01	.01	.01	.018	19	.05
30	.02		.01	.00	.01	.01	.01	.00	.02	.02	.02	.02	.02	.02					.02	.02	.03	.02	.01	.01	.015	19	.04
31*	.00		.01	.01	.01	.01	.00	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.03	.02	.01	.01	.012	23	.04
MEAN			.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.022		
NO	14	14	26	25	25	26	25	26	25	26	26	27	26	24	20	19	27	27	27	27	26	27	27	19		579	
MAX	.06	.04	.05	.05	.06	.05	.04	.06	.07	.07	.08	.07	.06	.09	.05	.04	.03	.03	.04	.06	.05	.05	.06	.05	.043		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED BY D., DEC. 4, 1968

Table 3-239.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.01	.00		.01	.02	.01	.01	.01	.00	.01	.01	.01	.01	.01				.01	.01	.00	.00	.00	.00	.01	.008	20	.02
2	.01		.01	.01	.01	.01	.02	.01	.01	.01	.01	.00	.00	.01	.01	.02	.01	.01	.01	.01	.01	.00	.00	.00	.008	23	.03
3	.00		.00	.00	.00	.00	.00	.00	.01		.01	.02	.01	.02	.02	.03	.02	.02	.02	.01	.01	.01	.01	.00	.010	22	.04
4	.00		.01	.01	.00	.00	.01	.00	.01	.01	.01	.00	.00			.01	.01	.01	.00	.01	.01	.02	.02	.01	.007	21	.03
5	.01		.01	.01	.01	.02	.02	.02	.04	.03	.04	.03	.02	.02	.02	.02	.03	.02	.01	.01					.020	19	.07
6											.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.00	.01	.01	.00	.011	14	.02
7*	.00		.00	.00	.00	.00	.00	.01	.01	.01	.02	.01	.02	.02			.02	.01	.01	.00	.01	.01	.01	.06	.011	21	.11
8*	.07			.05	.03	.03	.02	.01	.00	.01	.03	.03	.03	.02	.02	.02	.01	.01	.02	.04	.02	.02	.01	.00	.023	22	.08
9	.00		.01	.01	.01	.01	.00	.02	.02	.02	.02	.05	.05	.04	.02	.03	.02	.02	.03	.04	.05	.06	.06	.03	.026	23	.08
10	.00		.01	.02	.01	.02	.02	.03	.03	.04	.03	.04	.04	.04	.05	.03	.03	.02	.02	.02	.02	.02	.02	.01	.024	23	.09
11	.01		.02	.01	.01	.01	.01	.02	.02	.03	.04	.05	.05	.06	.08	.07	.05	.03	.02	.02	.02	.02	.01	.01	.027	23	.10
12	.05		.05	.05	.01	.03	.03	.03	.03	.02	.04	.04	.03	.04	.04	.03	.02	.01	.02	.02	.02	.01	.01	.01	.026	23	.08
13																											
14*	.01		.02	.02	.02	.01	.01	.01	.01	.02	.02			.01	.02	.01	.01	.01	.01	.00	.04	.03	.02	.05	.016	21	.09
15*	.05		.04	.04	.04	.03	.04	.03	.01	.01	.01	.04	.13	.02	.02	.02	.01	.00	.01	.01	.00	.00	.01	.00	.025	23	.19
16	.01		.00	.00	.00	.00	.00	.00	.01					.01	.00	.00	.00	.00							.003	13	.02
17																											
18																											
19																											
20																											
21*	.00				.00	.00	.00	.00	.01	.01	.01	.02	.01	.01				.00	.00	.00	.00	.00	.00	.00	.004	18	.04
22*	.00			.00	.00	.00	.00	.00								.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	15	.01
23	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.01
24	.00		.03	.04	.02	.00	.01	.02	.01	.00	.00	.00	.01	.02	.02	.01	.00	.00	.01	.00	.00				.009	20	.05
25																											
26																											
27			.01	.01	.01	.00	.00	.01	.01	.02	.01	.01	.01	.02	.01	.01	.01	.00	.00	.01	.01	.00	.01	.01	.008	22	.05
28*	.00		.00	.00	.00	.00	.00	.01	.00	.00	.00	.02	.01	.01	.01	.01	.00	.00	.01	.01	.01	.00	.01	.01	.005	23	.03
29*	.01		.00	.00	.00	.01								.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	16	.02
30	.00		.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00		.01	.00	.00	.00	.00	.00	.01	.01	.00	.002	22	.01
MEAN	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.013		
NO	21	1	18	21	22	22	21	21	20	18	20	19	19	21	16	19	21	23	22	22	21	20	20	20		468	
MAX	.07	.00	.05	.06	.04	.03	.04	.03	.04	.04	.04	.05	.13	.06	.08	.07	.05	.03	.03	.04	.05	.06	.06	.06	.027		.19

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-240.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
DEC. 1964

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01		.01	.01	.00	.01	.00	.00	.00	.00	.00							.00	.00	.00	.00	.00	.00	.00	.002	17	.01
2	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
3	.00		.01	.01	.01	.00	.00	.01	.01	.00	.01	.01	.01	.01	.00	.00	.01	.02	.01	.01	.00	.00	.00	.00	.005	23	.04
4	.00		.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.01	.01	.02	.02	.02	.01	.01	.00	.00	.01	.00	.006	23	.03
5*	.00		.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.001	21	.02
6*	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.04
7	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01				.00	.00	.01	.00	.02	.01	.02	.00	.004	20	.03
8	.00		.02	.00	.01	.00	.00	.00	.00	.02	.01	.01	.01	.01	.01	.02	.03	.03	.01	.01	.01	.02	.01	.02	.011	23	.05
9	.02		.02	.02	.02	.02	.02	.04	.03	.02	.02	.02	.02	.02											.019	13	.05
10																											
11																											
12*																											
13*	.05		.04	.04	.04	.04	.06	.06	.04	.04	.03	.04	.02	.02	.02	.03	.02	.03	.03	.03	.03	.04	.05	.07	.036	23	.10
14	.07		.06	.08	.10	.10	.10										.01	.01	.00	.00	.00	.00	.00	.00	.038	14	.11
15	.01		.02	.02	.02	.01	.01	.01	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.013	23	.03
16	.01		.01	.01	.01	.01	.00	.01	.00	.00	.01	.02	.01	.01		.02	.02	.01	.02	.01	.01	.02	.01	.01	.011	22	.03
17	.01		.02	.01	.01	.01	.02	.02	.02	.02	.01	.02	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.03	.025	23	.06
18	.02		.02	.03	.03	.03	.02	.02	.02		.02	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.015	22	.04
19*	.00		.00	.00	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01			.00	.00	.00	.00	.00	.00	.00	.01	.005	21	.03
20*																											
21								.01	.02	.01	.02		.02	.01	.01	.01	.00	.00	.00	.00	.00	.01	.01	.00	.007	16	.03
22	.01		.01	.01	.01	.01	.02	.05	.04	.04	.04	.03	.02	.02	.02	.02	.04	.06	.08	.08	.08	.08	.06	.02	.036	23	.14
23	.02		.01	.01	.01	.01				.02	.02		.02	.03	.03	.03	.03	.03	.02	.02	.03	.02	.02	.02	.021	19	.05
24	.02		.02	.02	.02	.02	.03	.05	.05	.03	.03	.03	.04	.04	.07	.07	.07	.08	.07	.08	.10	.09	.08	.08	.051	23	.13
25	.05		.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.03	.03	.03	.03	.03	.03	.02	.02	.03	.14	.20	.17	.045	23	.25
26*	.06		.04	.02	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03		.02	.03	.03	.03	.02	.02	.02	.02	.03	.027	22	.09
27*	.04		.03	.03	.02	.02	.01	.02	.02	.03	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02					.022	19	.06
28												.02	.02	.03	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.021	15	.04
29	.01		.02	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.03	.02	.02	.03	.03	.02	.02	.02	.022	23	.04
30	.02		.02	.02	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.05	.05	.05	.06	.05	.06	.06	.04	.05	.04	.037	23	.08
31	.05		.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.02	.02	.03	.02	.02	.02	.024	23	.07
MEAN	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.019		
NO	29		25	25	25	25	24	23	24	23	25	25	25	24	19	21	25	26	26	26	25	25	25	25		551	
MAX	.07		.06	.08	.10	.10	.10	.06	.05	.04	.04	.04	.04	.04	.07	.07	.07	.08	.08	.08	.10	.14	.20	.17	.051		.25

* Indicates Saturday or Sunday
Local standard time used

TABULATED 4 D., DEC. 4, 1968

TABULATED 10/30/68

Table 3-241.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	PHILADELPHIA PENNSYLVANIA AVG	JAN/64 N (1)	MAX (2)
01															
02									3.1	3.5	2.3	4.0			
03	4.1	3.2	3.2	3.7	4.1	4.0	3.7	3.5	4.1	4.4	3.8	3.7	3.83	12	4.4
04	3.7	2.1	1.8	2.0	1.7	0.9	0.8	1.0	1.3	1.6	1.3	1.0	1.63	12	3.7
05	0.8	0.5	1.6	1.6	2.3	1.8	1.3	1.0	1.5	1.9	2.7	2.4	1.68	12	2.7
06	2.8	2.7	2.1	1.4	2.1	1.6	1.5	1.8	2.2	2.1	2.3	2.9	2.17	12	2.9
07	1.5	1.9	1.9	3.2	3.3	2.5	1.0	0.7	1.9	1.5	2.1	2.3	2.03	12	3.3
08	1.7	1.9	1.5	2.5	3.3	2.3	1.5	1.1	2.0	1.3	1.3	1.7	1.88	12	3.3
09	1.5	1.5	1.5	1.7	2.7	1.2	0.4	1.4	1.4	1.7	1.6	1.2	1.51	12	2.7
10	1.6	0.9	0.8	1.4	0.8	1.0	1.2	1.1	1.6	1.4	1.1	1.0	1.20	12	1.6
11	0.8	1.3	1.6	1.7	1.3	1.2	1.0	1.3	1.2	2.3	2.1	2.2	1.53	12	2.3
12	1.7	1.1	1.0	0.9	0.9	0.9	1.2	1.1	1.1	1.4	1.4	1.5	1.22	12	1.7
13	1.8	1.3	1.4	2.3	2.0	2.2	2.0	2.1	1.1	0.8	0.8	0.3	1.56	12	2.3
14	0.3	1.0	1.0	0.5	0.6	0.6	0.3	0.9	1.9	1.3	0.9	1.1	0.91	12	1.9
15	1.2	1.1	2.0	3.4	3.5	1.6	1.4	1.9	2.5	4.1	4.4	3.6	2.59	12	4.4
16	4.0	3.9	4.9	5.4	6.1	4.4	1.4	2.1	3.1	3.3	2.8	3.4	3.78	12	6.1
17	4.0	4.2	5.1	2.8	2.1	1.7	1.8	1.7	2.8	2.5	2.9	3.5	3.13	12	5.1
18	4.3	6.3	7.1	7.0	8.1	5.9	3.2	4.3	4.2	4.5	3.8	3.8	5.25	12	8.1
19	4.1	5.6	7.0	6.3	6.5	4.7	3.3	3.3	2.2	2.3	3.1	2.4	4.27	12	7.0
20	2.7	1.5	2.6	3.2	2.8	3.9	4.2	3.2	3.0	0.8	1.5	1.2	2.59	12	4.2
21	1.2	0.7	0.7	0.6	0.9	0.5	0.8	0.8	3.0	4.0	3.4	2.7	1.64	12	4.0
22	1.9	2.7	2.1	4.5	1.7	1.2	1.5	1.3	1.5	2.7	4.6	5.9	2.52	12	5.9
23	5.7	3.3	5.4	6.7	5.2	4.4	2.4	1.8	2.2	2.8	2.1	1.9	3.70	12	6.7
24	2.9	3.1	5.3	5.1	5.0	5.8	5.2	3.9	4.9	5.5	4.2	4.1	4.63	12	5.8
25	1.6	0.8	0.6	0.6	1.1	1.1	1.2	1.0	1.1	1.2	1.5	1.1	1.13	12	1.6
26	0.7	2.6	1.9	2.2	1.9	2.0	1.1	0.9	1.1	1.0	1.2	1.1	1.51	12	2.6
27	2.0	2.2	2.5	3.3	2.6	1.4	1.1	2.1	1.8	1.6	2.3	2.8	2.19	12	3.3
28	2.8	2.3	2.3	3.3	1.4	0.8	0.7	0.4	0.8	0.9	0.8	0.5	1.30	12	2.8
29	0.9	0.6	0.4	0.9	1.5	1.0	0.9	1.3	2.3	1.6	1.6	2.3	1.31	12	2.3
30	2.4	1.7	1.8	2.0	2.6	1.7	1.5	1.3	1.0	1.6	1.9	2.3	1.85	12	2.6
31	1.8	2.8	2.5	4.4	3.4	1.3	1.4	2.0	1.8	2.0	2.6	2.2	2.24	12	3.4
AVG	2.29	2.23	2.53	2.77	2.81	2.19	1.68	1.73	2.08	2.21	2.27	2.27	2.26		
N(3)	29	29	29	29	29	29	29	29	29	29	29	29		348	
MAX*	5.7	6.3	7.1	7.0	8.1	5.9	5.2	4.3	4.9	5.5	4.6	5.9	5.25		8.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-242
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

PHILADELPHIA PENNSYLVANIA FEB/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	3.0	3.4	3.0	3.4	3.3	1.7	2.1	1.5	1.5	1.7	2.2	1.5	2.40	12	3.4
02	1.3	1.4	1.2	1.0	0.7	0.8	0.4	0.7	0.4	1.2	1.2	0.3	0.93	12	1.4
03	0.6	0.3	0.8	0.8	1.0	0.8	0.6	0.8	1.2	0.5	0.6	0.9	0.77	12	1.2
04	1.1	1.5	1.8	1.8	2.3	1.5	1.2	1.3	2.0	2.5	2.5	2.5	1.87	12	2.5
05	3.6	3.2	3.9	2.1	1.9	1.3	1.2	1.9	1.8	2.5	3.2	6.5	2.80	12	6.5
06	7.0	4.1	2.9	2.1	2.5	2.0	2.1	1.3	4.0	2.5	1.0	1.2	2.76	12	7.0
07	0.9	1.2	1.2	2.2	2.0	1.7	1.7	1.9	2.6	2.6	2.4	1.7	1.90	12	2.6
08	1.3	0.9	1.1	1.8	1.2	1.1	1.1	0.8	0.9	1.2	1.3	1.7	1.24	12	1.8
09	1.4	1.2	1.3	1.3	1.1	0.7	0.6	0.9	0.7	1.7	1.2	1.8	1.20	12	1.8
10	1.9	1.6	2.3	2.3	3.1	2.4	1.5	1.4	2.3	2.7	2.8	2.9	2.32	12	3.1
11	2.6	2.6	3.3	2.9	2.7	2.8	2.0	2.0	2.7	2.0	1.8	1.6	2.47	12	3.3
12	1.2	1.7	1.6	2.1	2.1	2.1									
13	3.2	3.6	4.5	5.7	4.4	2.3	2.2	2.3	3.9	2.9	3.6	3.2	3.52	12	5.7
14	2.9	2.6	2.9	2.8	1.7	1.8	1.8	1.4	1.8	1.7	2.2	2.0	2.17	12	2.9
15	1.9	2.4	1.8	2.1	1.9	1.8	2.0	2.3	1.8	1.8	1.6	1.6	1.96	12	2.4
16	1.6	1.8	1.7	1.5	1.4	1.4	1.0	0.6	0.5	0.7	0.8	0.6	1.18	12	1.8
17	0.6	0.4	0.6	0.7	0.9	0.9	1.0	1.4	1.7	2.2	6.4	4.0	1.78	12	6.4
18	3.3	2.1	2.2	2.3	2.8	2.6	2.6	2.5	2.4	1.9	1.9	1.4	2.37	12	3.3
19	0.8	0.8	1.3	1.9	1.8	1.6	1.3	1.2	2.2	1.7	1.7	1.2	1.49	12	2.2
20	1.2	0.7	0.8	1.5	0.9	0.9	1.2	1.0	1.8	1.7	0.8	1.4	1.20	12	1.8
21	1.2	1.1	1.5	2.0	1.3	0.6	0.7	0.9	1.4	1.7	1.4	1.4	1.30	12	2.0
22	1.2	0.7	1.4	2.1	1.3	0.9	0.6	0.9	0.6	1.0	1.3	1.3	1.14	12	2.1
23	1.9	1.6	1.3	1.7	0.6	1.3	0.8	1.2	1.1	2.0	2.4	2.6	1.58	12	2.6
24	3.1	2.8	2.5	3.2	3.5	3.5	1.8	1.2	1.6	1.6	1.7	1.4	2.36	12	3.5
25	1.5	2.8	2.2	2.4	2.4	1.9	1.0	1.6	1.8	1.9	2.5	2.8	2.09	12	2.8
26	3.5	4.4	6.4	5.2	3.8	3.7	2.8	2.8	2.6	2.2	1.8	0.8	3.39	12	6.4
27	0.7	1.0	1.5	1.7	1.0	1.4	0.7	0.6	1.0	0.9	1.7	1.7	1.20	12	1.7
28	1.7	1.8	3.1	4.5	3.4	1.5	1.2	1.6	2.2	1.6	1.7	1.5	2.19	12	4.5
29	1.2	0.9	1.5	1.4	0.7	0.4	0.5	0.8	0.7	2.1	3.3	3.4	1.44	12	3.4
AVG	2.00	1.88	2.14	2.30	1.98	1.61	1.34	1.38	1.75	1.81	2.03	1.96	1.84		
N(3)	28	28	28	28	28	28	28	28	28	28	28	28		336	
MAX*	7.0	4.4	6.4	5.7	4.4	3.7	2.8	2.8	4.0	2.9	6.4	6.5	3.52		7.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-243.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

PHILADELPHIA PENNSYLVANIA — MARCH/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	3.7	3.6	3.4	2.9	3.0	2.1	2.7	2.2	2.3	2.5	2.5	3.7	2.91	12	3.7
02	4.2	3.8	4.4	5.3	5.3	1.4	1.2	1.2	1.8	2.6	2.5	1.9	3.00	12	5.3
03	1.5	2.1	3.2	3.9	4.5	4.1	2.7	2.7	2.9	2.3	4.8	6.1	3.45	12	6.1
04	5.6	6.7	6.8	6.6	3.5	1.3	1.2	0.9	1.6	1.0	1.8	1.7	3.27	12	6.8
05	0.9	1.3	0.9	0.9	1.1	0.7	1.6	1.8	1.9	0.6	0.9	1.1	1.19	12	1.9
06	0.7	0.7	1.4	1.1	0.7	0.8	1.1	0.8	1.4	1.3	2.1	3.2	1.31	12	3.2
07	3.2	2.0	2.0	1.9	1.3	1.1	0.9	1.9	2.2	2.3	2.6	2.9	2.04	12	3.2
08	3.2	3.3	2.4	1.5	1.4	1.1	1.1	0.9	0.8	0.7	1.0	1.1	1.56	12	3.3
09	1.7	2.2	2.4	3.7	3.9	2.7	3.6	2.8	2.4	1.6	1.7	1.8	2.57	12	3.9
10	2.2	3.3	4.9	5.3	5.1	4.2	1.6	1.0	1.5	0.9	0.7	1.2	2.70	12	5.3
11	0.9	0.1	0.4	0.8	0.7	0.5									
12															
13															
14															
15															
16															
17															
18															
19							0.8	0.6	1.1	0.9	0.9	1.1			
20	0.9	0.9	1.2	0.9	1.2	1.4	1.2	1.6	1.8	2.3	1.9	1.2	1.41	12	2.3
21	1.3	0.9	0.8	1.2	1.5	1.2	1.0	0.7	1.2				1.14	09	1.5
22															
23						1.0	0.5	0.8	1.2	1.5	2.2	3.2	1.52	07	3.2
24	3.7	3.5	4.2	5.6	2.9	1.1	1.0	0.9	1.3	1.1	1.4	1.1	2.37	12	5.6
25	1.1	2.7	3.3	3.5	2.6										
26										0.7	0.6	0.6			
27	0.7	0.8	0.6	0.9	0.8	0.6	0.5	0.5	0.9	0.9	1.1	1.4	0.85	12	1.4
28	1.8	1.2	1.6	1.4	1.3	0.7	0.6	1.1	0.9	0.7	1.0	1.6	1.19	12	1.8
29	1.0	1.1	1.4	1.1	0.7	0.6	0.4	0.5	0.5	0.8	0.9	1.3	0.91	12	1.4
30	0.7	1.3	1.4	1.5	1.4	0.9	0.7	0.8	0.6	0.5	0.6	0.7	0.96	12	1.5
31	0.6	0.5	0.8	0.8	0.6	0.8	0.9	1.1	1.0	0.8	1.6	1.4	0.94	12	1.6
AVG	2.08	2.17	2.43	2.58	2.23	1.46	1.28	1.27	1.48	1.35	1.73	2.03	1.81		
N(3)	18	18	18	18	18	19	19	19	19	18	18	18		220	
MAX*	5.6	6.7	6.8	6.6	5.3	4.2	3.6	2.8	2.9	2.6	4.8	6.1	3.45		6.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-244.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
PHILADELPHIA PENNSYLVANIA													APRIL/64		
01	1.6	1.1	1.2	1.2	1.1										
02															
03															
04										0.4	0.6	0.6			
05	1.0	1.0	1.2	1.0	0.7	0.7	0.7	0.8	0.9	1.1	1.3	1.0	0.98	12	1.3
06	0.9	1.3	1.6	1.3	2.1	1.6	1.3	1.1	1.7	2.5	2.4	1.6	1.67	12	2.5
07	1.5	2.2	1.7	2.2	2.4	2.6	2.6	1.4	2.7	2.7	2.2	1.2	2.15	12	2.7
08	1.3	2.0	2.4	3.2	2.8	1.7	1.2	1.2	1.3	1.0	0.7	0.6	1.66	12	3.2
09	0.6	1.1	0.7	0.5	0.5	0.5	0.7	1.0	1.4	1.9	1.4	1.8	1.05	12	1.9
10	2.0	2.0	1.0	0.7											
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22							1.2	0.8	1.2	1.1	1.0	1.2			
23	0.8	1.1	1.3	0.9	0.8	0.4	0.7	1.0	1.1	2.0	2.2	1.6	1.21	12	2.2
24	1.4	0.9	1.0				0.1		0.5	0.6	0.7	1.2	0.83	08	1.4
25	0.7	1.0	0.7	0.7	0.9	0.8	0.8	0.6	0.8	0.6	0.5	1.2	0.81	12	1.2
26	0.8	1.1	1.6	1.5	0.8	0.7	0.4	0.3	0.7	0.4	0.4	0.4	0.81	12	1.6
27	0.6	0.7	1.4	1.5	0.9	0.7	0.5	0.8	0.8	0.3	0.5	0.4	0.80	12	1.5
28	0.6	0.5	0.8	1.3	1.1	1.1	0.7	0.8	0.7	0.5	0.3	0.7	0.79	12	1.3
29	0.4	0.3	0.8	1.0	0.9	0.7	0.7	0.9	1.5	0.9	0.8	0.6	0.83	12	1.5
30	0.3	0.5	0.7	1.1	1.1	0.6									
AVG															
N(3)														140	
MAX*													2.15		3.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-245.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	PHILADELPHIA PENNSYLVANIA AVG	MAY/64 N (1)	MAX (2)
01															
02															
03															
04															
05															
06						0.9	0.1	0.8	0.5	0.6		0.8			
07	1.1	1.3	1.8	1.3	1.1	1.0	0.8	1.3	1.1	1.9	2.2	1.4	1.39	12	2.2
08	1.8	2.2	2.8	2.5	0.6	0.7	0.6	0.6	1.3	1.4	1.4	1.5	1.49	12	2.8
09	2.1	1.3	1.2	1.5	0.7	0.5	0.6	0.4	0.4	0.5	0.2	0.4	0.84	12	2.1
10	0.2	0.4	0.3	0.4	0.1	0.2	0.4	0.3	0.2	0.7	0.7	0.7	0.42	12	0.7
11	1.1	0.6	0.7	0.5	0.6	0.5	0.6	0.7	0.7	0.8			0.73	10	1.1
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG N(3)												058			
MAX*													1.49		2.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-246.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
	PHILADELPHIA PENNSYLVANIA													JUNE/64	
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11							0.4	0.1	0.4	0.4	0.6	0.5			
12	0.5	0.7	1.0	1.4	1.0	0.6	0.4	0.9	0.6	0.8	0.6	0.8	0.81	12	1.4
13	0.4	0.7	0.5	0.4	0.6	0.8	0.9	0.2	0.6	0.6	0.7	0.7	0.63	12	0.9
14	0.7	0.5	0.8	0.5	0.3	0.4	0.4	0.2	0.0	0.5	0.5	0.9	0.52	12	0.9
15	0.7	0.7	1.0	1.1	0.9	1.1	0.4	0.5	0.9	1.0	1.3	0.7	0.89	12	1.3
16	0.5	0.4	0.2	0.6	0.4	0.3	0.3	0.5	0.6	0.2	0.5	0.5	0.46	12	0.6
17	0.6	0.4	0.4	0.5	0.8	0.6	0.7	0.3	0.4	0.5	0.7	1.1	0.64	12	1.1
18	1.3	1.5	1.8	2.1	1.0	0.3	0.5	0.3	0.9	0.7	1.2	0.4	1.04	12	2.1
19	0.7	0.6	0.4	1.0	1.0	0.8	1.1	1.1	0.7	0.9	1.1	0.6	0.87	12	1.1
20	0.8	0.7	1.1	1.0	0.6	1.0	0.7	0.0	0.7	0.6	0.8	1.1	0.80	12	1.1
21	0.9	0.6	1.0	1.2	0.6	0.6	0.4	0.4	0.7	0.5	1.1	0.8	0.78	12	1.2
22	0.9	1.3	1.1	1.1	1.0	0.8	0.9	1.0	1.0	0.7	0.6	0.9	0.98	12	1.3
23	0.7	0.8	0.7	1.0	0.8	0.5	0.8	1.0	0.6	0.5	0.4	0.5	0.75	12	1.0
24	0.9	0.5	0.7	1.0	1.0	0.9	0.4	0.4	1.2	1.4	1.0	0.6	0.86	12	1.4
25	1.0	0.5	1.1	0.8	0.5	0.6	0.7	0.9	0.7	0.7	1.0	1.3	0.84	12	1.3
26	0.7	1.1	1.9	1.3	0.8	0.9	0.2	0.5	0.3	0.5	1.3	1.3	0.93	12	1.9
27	0.7	0.9	0.7	1.1	0.9	0.9	0.3	0.3	0.9	1.0	0.7	0.8	0.83	12	1.1
28	0.1	0.5	0.5	0.6	0.7	0.4	0.5	0.5	0.5	0.7	1.0	1.2	0.64	12	1.2
29	1.1	0.8	1.8	1.3	1.2	0.9	0.3	0.7	0.6	0.8	1.0	0.4	0.94	12	1.8
30	0.7	0.4	1.0	1.0	1.3	0.6	0.3	0.6	0.5	0.4	0.4	1.0	0.72	12	1.3
AVG	0.73	0.71	0.93	1.00	0.81	0.68	0.53	0.55	0.65	0.68	0.83	0.82	.74		
N(3)	19	19	19	19	19	19	19	19	19	19	19	19		228	
MAX*	1.3	1.5	1.9	2.1	1.3	1.1	1.1	1.1	1.2	1.4	1.3	1.3	1.04		2.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-247.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

TABULATED 10/30/68

PHILADELPHIA PENNSYLVANIA — JULY/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.1	1.2	1.5	1.3	0.8	0.6	0.1	0.5	0.4	0.4	1.1	0.7	0.84	12	1.5
02	1.0	0.9	1.4	2.5	1.9	0.9	0.9	0.7	0.8	0.7	0.7	0.7	1.14	12	2.5
03	1.0	0.8	1.0	0.9	0.5	0.6	0.4	0.2	1.0	0.8	0.7	0.3	0.72	12	1.0
04	0.9	0.4	1.1	0.9	0.8	0.4	0.6	0.6	0.9	0.5	0.6	0.4	0.72	12	1.1
05	0.3	0.3	0.5	0.2	0.4	0.4	0.3	0.3	0.5	0.6	0.5	0.4	0.43	12	0.6
06	1.0	1.2	0.5	0.5	0.7	0.6	0.4	0.5	0.1	0.7	1.1	1.1	0.74	12	1.2
07	1.2	0.8	2.0	1.7	1.1	0.3	0.7	0.5	0.4	0.6	0.5	1.0	0.93	12	2.0
08	0.9	0.7	0.8	0.7	1.4	0.9	1.1	0.8	0.9	0.9			0.95	10	1.4
09						0.8	0.9	0.7	1.2	0.3	0.4	0.7	0.76	07	1.2
10	0.7	1.1	0.7	1.2	0.8			1.2	1.1	1.0	1.2	1.3	1.06	10	1.3
11	0.9	1.0	1.1	0.7	1.0	1.3	0.6	0.7	0.9	0.5	0.7	0.8	0.90	12	1.3
12	1.0	0.7	0.5	0.3	0.6	0.5	0.2	0.3	0.4	0.7	0.5	0.6	0.55	12	1.0
13	0.4	0.5	0.4	0.7	0.8	0.5	0.7	0.5	0.7	0.8	1.3	0.8	0.71	12	1.3
14	0.8	0.9	0.7	0.8	0.8	0.7	0.4	0.4	0.8	1.2	0.6	0.6	0.76	12	1.2
15	0.6	0.5	1.0	1.1	1.2	0.8	0.6	0.4	0.9	0.7	1.1	2.3	0.97	12	2.3
16	1.5	1.3	1.0	1.2	1.6	0.6	0.9	0.5	0.9	1.0	1.0	1.2	1.09	12	1.6
17	1.5	1.0	2.0	1.6	1.3	0.6	1.2	0.8	0.8	1.2	0.6	0.9	1.17	12	2.0
18	1.1	0.7	1.3	1.4	0.8	0.7	0.6	0.5	0.5	0.4	1.0	0.8	0.87	12	1.4
19	1.0	0.7	0.7	0.9	0.9	0.7	0.7	0.8	0.7	1.4	1.0	1.0	0.91	12	1.4
20	0.6	1.0	1.6	1.3	1.1	0.8	0.6	0.7		0.4	1.4	1.3	1.01	11	1.6
21	0.7	0.2	0.8	0.8	1.1	0.6	0.8	0.9	1.1	0.7	0.8	0.4	0.78	12	1.1
22	0.7	0.5	1.0	1.1	1.1										
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG	0.91	0.79	1.03	1.03	0.98	0.66	0.63	0.59	0.75	0.73	0.84	0.86	.81		
N(3)	20	20	20	20	20	20	20	21	20	21	20	20		242	
MAX*	1.5	1.3	2.0	2.5	1.9	1.3	1.2	1.2	1.2	1.4	1.4	2.3	1.17		2.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-248.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

PHILADELPHIA PENNSYLVANIA AUG/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG															
N(3)													. 0	000	
MAX*															0.0

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-249.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

PHILADELPHIA PENNSYLVANIA SEPT/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG															
N(3)															
MAX*															

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-250.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

PHILADELPHIA PENNSYLVANIA OCT/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG															
N(3)														000	
MAX*														.0	0.0

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-251.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

PHILADELPHIA PENNSYLVANIA — NOV/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG															
N(3)															
MAX*													.0	000	0.0

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

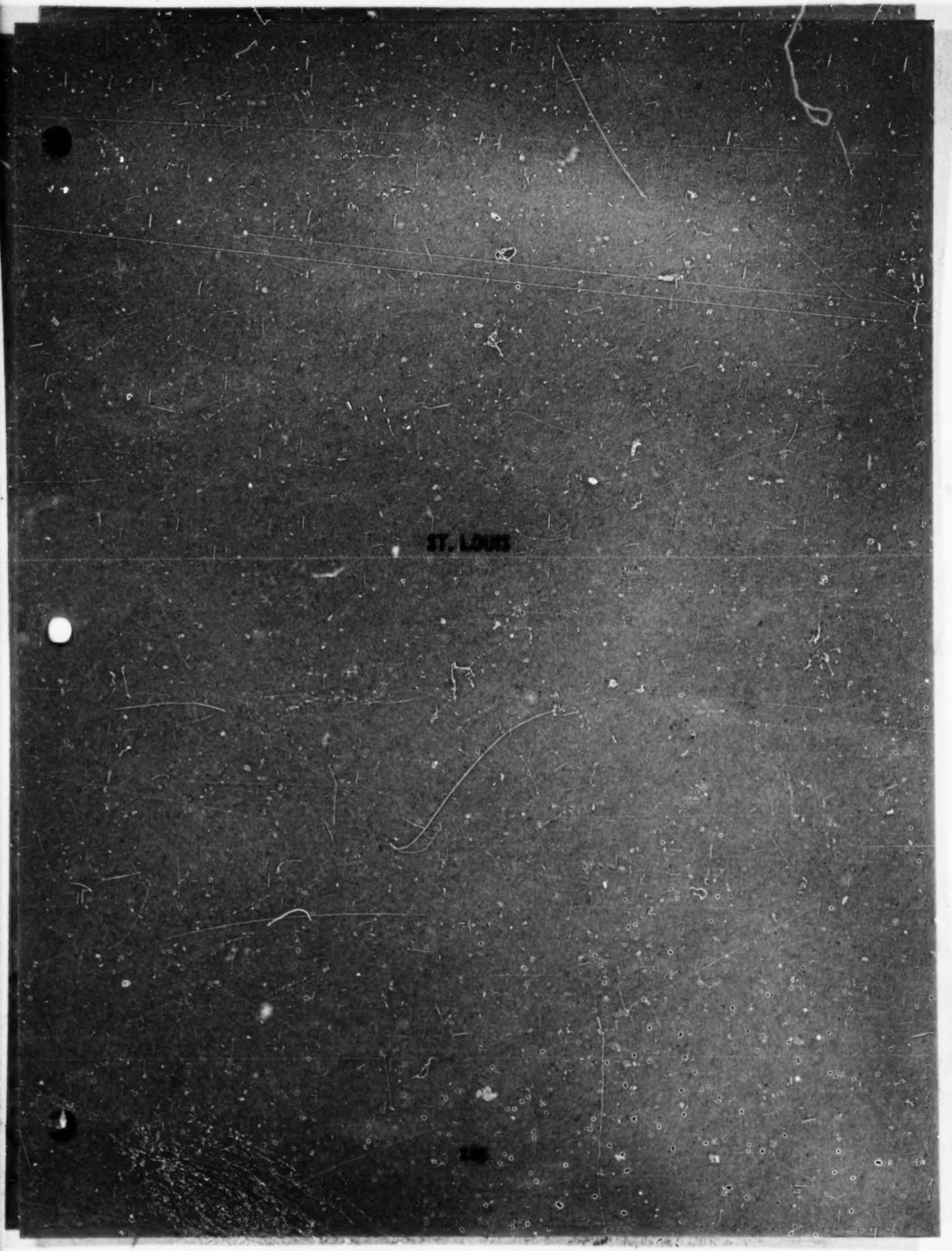
TABULATED 10/30/68

Table 3-252.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

PHILADELPHIA PENNSYLVANIA — DEC/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15	0.5	0.6	0.3	0.2	0.2	0.0	0.3	0.3	0.5	0.7	0.6	0.8	0.46	12	0.8
16	1.2	0.5	1.0	1.5	1.7	0.8	0.7	1.1	0.8	0.9	0.2	0.7	0.98	12	1.7
17	0.4	0.6	0.2	0.3	0.1	0.2	0.8	1.1	1.2	1.5	1.6	1.4	0.81	12	1.6
18	1.5	0.7	0.2	0.5	0.7	0.3	0.5	0.5	0.5	0.2	0.4	0.3	0.56	12	1.5
19		0.4	0.4	0.3	0.1	0.1	0.1	0.2	0.2	0.5	0.2	0.2	0.27	11	0.5
20	0.4	1.0	1.0	1.4	1.0	0.8	0.8	0.8	1.7	1.1	0.9	0.7	1.01	12	1.7
21	0.6	0.3	0.7	0.5	0.5	0.4	0.7	0.8	0.6	0.5	0.8	0.3	0.60	12	0.8
22	0.5	0.3	0.7	1.4	1.2	1.3	1.1	2.0	2.6	3.1	2.7	2.5	1.66	12	3.1
23	1.8	1.7	1.9	1.9	1.9	0.9	1.0	0.8	0.4	0.2	0.5	0.2	1.13	12	1.9
24	0.1	0.1	0.5	1.8	1.8	1.7	1.7	1.7	1.6	1.9	2.4	2.3	1.50	12	2.4
25	1.7	0.7	0.6	0.3	0.3	0.0		0.1	0.1		0.2	0.9	0.53	10	1.7
26	0.7	0.1	0.4	0.1	0.5	0.4	0.4	0.3	0.1	0.2	0.2	0.9	0.41	12	0.9
27	1.2	0.7	0.4	0.4	0.3	0.2	0.5	0.7	0.9	0.6	1.0	0.8	0.67	12	1.2
28	0.4	0.5	0.2	0.1	0.2	0.3	0.5	0.7	0.8	0.5	0.5	0.2	0.45	12	0.8
29	0.1	0.2	0.0		0.1	0.4	0.1	0.5	0.8	0.6	0.7	0.6	0.41	11	0.8
30	0.8	0.9	1.0	1.3	1.2	1.3	1.2	1.6	1.5	1.2	0.3	0.2	1.09	12	1.6
31	0.1	0.2	0.3	0.2	0.1	0.2	0.1	0.0	0.3	0.1		0.1	0.19	11	0.3
AVG	0.75	0.55	0.57	0.76	0.70	0.54	0.65	0.77	0.85	0.86	0.82	0.77	.70		
N(3)	16	17	17	16	17	17	16	17	17	16	16	17		199	
MAX*	1.8	1.7	1.9	1.9	1.9	1.7	1.7	2.0	2.6	3.1	2.7	2.5	1.66		3.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-253

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

INFRARED ANALYSIS

ST. LOUIS, MISSOURI
CARBON MONOXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
MEAN																											
NO.																											
MAX.																											

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED

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CONTINUOUS AIR MONITORING PROGRAM

Table 3-254.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MISSOURI
CARBON MONOXIDE
FEB. 1964

CONCENTRATION IN PPM
INFRARED ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
MEAN																											
NO.																											
MAX.																											

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED

Table 3-255.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS•MO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
6*	5	5	5	5	5	5	6	8	6	6	7	7	7	7	7	9	10	10	8	8	7	6	6	7	6.7	24	15
7	5	5	5	5	5	5	5	6	6	6	7	7	7	7	7	7	7	7	6	6	7	6	6	6	6.1	24	9
8	3	3	2	2	2	3	3	4	2	3	3	4	4	5	5	5	6	9	3	4	3	3	3	3	3.5	24	15
9	3	3	3	3	3	3	3	6	6	5	6	5	5	5	6	5	8	9	4	3	3	3	3	3	4.4	24	14
10	4	3	3	3	3	3	4	5	6	5	5	5	5	5	5	5	12	12	7	6	5	5	6	5	5.3	24	19
11	5	4	4	4	4	4	6	11	10	8	8	8	7	9	8	9	14	17	11	8	7	6	6	6	7.6	24	28
12*	6	6	5	5	5	5	5	7	8	9	9	9	8	8	9	10	15	15	10	8	8	8	7	7	8.0	24	21
13*	7	6	6	6	6	6	8	12	10	8	8	9	9		11	10	12	9	5	4	3		7	4	7.8	22	17
14	7	8	7	7	7	6	6	7	6	6	6	6	6	7	7	6	6	6	6	6	7	6	6	7	6.5	24	11
15	6	7	8	7	6	5	5	6	5	6	5	6	6	6	6	6						9	9		6.4	18	11
16											7	6	6	6	6	6	6	6	5	5	5	5	6	5	5.7	19	8
17	5	5	5	4	4	4	5	5	5	6	6	6	6	6	6	6	6	7	5	6	6	6	6	6	5.5	24	9
18	6	6	6	7	7	7	7	10	10	9	9	9	8	9	10	11	14	14	9	9	8	8	8	8	8.8	24	21
19*	7	7	7	7	6	7	7	9	9	9	8	8	7	9	8	8	9	10	6	6	6	6	6	6	7.4	24	13
20*	5	5	5		5	5	7	10	11	12	9	7	7	7		8	8	7	6	6	6	6	6	6	7.1	22	16
21	6	6	6	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	5.8	24	8
22	5	5	5	5	5	5	5	5	5	5	6	5	6	6	6	6	6	6	6	7	6	5	6	5	5.5	24	10
23	5	4	4	4	4	5	7	12	8	7	6	6	6	6	6	6									6.0	16	17
24																											
25	4	1	1	1	1	1	2	4	5	4	6	4	5	4	4	3	4	3	2	2	3	3	3	3	2.9	24	9
26*	5	2	3	3	3	3	3	4	4	4	4	4	5	6	6	6	6	6	4	4	4	4	5	5	4.2	24	8
27*	5	6	5	5	5	5	6	11	8	7	7	7	7	7	7	10	13	13	8	6					7.3	20	23
28																											
29	5	5	4	4	4	4	4	4	4	4	5	4	4	4	4	4	5	5	5	5	5	4	5	4	4.3	24	8
30	4	4	4	4	4	4	5	6	7	8	9	7	7	7	7	7	8	7	5	5	6	5	8	9	6.2	24	19
31	6	5	5	4	4	5	5	6	6	6	6	6	6	6	7	6	8	8	7						5.8	19	11
MEAN	5	5	5	5	4	5	5	7	7	7	7	6	6	6	7	7	9	9	6	6	6	5	6	6	6.0		
NO.	23	23	23	22	23	23	23	23	23	23	24	24	24	23	23	24	22	22	22	21	20	20	21	20		539	
MAX.	7	8	8	7	7	7	8	12	11	12	9	9	9	9	11	11	15	17	11	9	8	9	9	9	8.8		28

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-256.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

ST. LOUIS, MO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1									8	7	7	7	7	8	8	9	12	8	7	7	6	6	7	6	7.4	16	17
2	6	6	5	4	5	4	8	14	9	8	7	6	6	7	7	9	12	9	6	6	4	6	6	5	6.8	24	21
3	5	4	4	4	4	5	9	19	9	8	7	7	7	7	7	7	8	10	6	5	5	5	5	5	6.8	24	34
4*	5	5	4	5	5	5	5	6	6	6	6	7	7	7	7	7	7	7	6	6	6	5	6	5	5.8	24	10
5*	6	6	5	5	5	5	5	5	5	5	5	5	6	7	6	6	6	6	8	11	7	6	8	5	6.1	24	15
6	7	6	6	6	5	6	8	20	12	10	7	7	7	7	8	10	14	9	8	9	7	4	6	6	8.1	24	26
7	6	6	6	5	4	4	4	6	5	7	6	6	5	6	6	6	7	6	5	5	5	5	5	5	5.4	24	10
8	4	4	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	6	5	6	6	6	9	6	5.7	24	24
9	5	5	5	5	5	5	6	8	8	8	8	7	7	8	8	9	11	8	7	9	9	9	8	7	7.3	24	18
10	6	5	5	5	5	5	6	8	7		7	8	9	8	10	10	14	14	9	9	7	8	7	7	7.9	23	22
11*	6	6	5	5	5	6	7	8	8	9	9	8	8	7	6	6	7	7	6	9	8	6	7	6	6.9	24	14
12*	5	6	6	5	5	5	5	6	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6	6	5.9	24	11
13	6	6	5	5	5	6	7	9	9	8	8	9	8	8	8	8	12	9	8	9	8	8	7	8	7.6	24	18
14	6	6	7	6	6	6	6	7	8	10	9	9	9	8	8	9	8	8	7	7	8	7	8	8	7.5	24	13
15																											
16											9	9	10	10	10	12	16	16	10	9	9	7	7	8	10.1	14	24
17	6	5	5	6	5	6	8	13	11	10	9	10	8	9	10	10	16	12	10	10	11	7	8	10	9.0	24	26
18*	7	6	6	5	5	6	7	7	9	8	7	7	7	9	8	9	8	8	9	12	12	8	10	9	7.8	24	16
19*	9	7	7	7	7	7	8	9	8	8	8	7	6	7	7	9	7	7	8	9	8	7	7	7	7.5	24	15
20	7	6	5	6	5	6	10	13	10	10	10	10	9	10	10	10	16	13	8	9	8	8	6	6	8.7	24	23
21	5	5	5	5	5	5	8	13	13	10	11	10	10	10	11	11	16	12	7	7	6	5	5	5	8.4	24	26
22	6	5	5	5	5	5	5	6	7	7	7	7	7	8	9	8	13	11	8	7	6	6	7	7	6.9	24	18
23	7	6	6	6	6	6	9	16	11	8	9	9	9	8	7	8	10	9	7	7	6	6	6	5	7.7	24	23
24	5	5	5	5	5	5	6	9	11		9	8	8	8	9	9	13	10	11	8	6	6	6	6	7.5	23	21
25*	6	6	6	6	5	6	6	6	9	8	8	8	9	9	8	8	8	9	8	8	7	8	8	10	7.6	24	15
26*	8	7	7	7	7	7	8	8	8	7	7	7	7	8	8	7	8	7	9	8	8	8	7	7	7.4	24	13
27	7	7	7	7	8	11	18	14	12	12	11	10	11	13											10.7	14	27
28						2	5	4	4	4	3		6	7	7	8	6	5	5	5	5	5	4	4	4.9	18	13
29	4	3	3	3	3	4	6	6	9	8	8	8	8	8	8	9	8	8	8	7	7	8	8	8	6.6	24	12
30	8	7	7	7	7	8	9	8	10	8	8	8	8	8	8	9	8	7	7	8	8	8	7	6	7.8	24	16
MEAN	6	6	5	5	5	5	7	9	8	8	8	8	8	8	8	8	10	9	7	8	7	7	7	6	7.3		
NO.	26	26	26	26	26	27	27	27	28	26	29	28	29	29	28	28	28	28	28	28	28	28	28	28		660	
MAX.	9	7	7	7	8	11	18	20	13	12	11	10	11	13	11	12	16	16	11	12	12	9	10	10	10.7		34

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-257.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	6	6	7		6	13	20	13	12	9	8	9	8	9	9	14	15	9	8	8	8	7	8	6	9.4	23	33
2*	6	6	5	5	5	6	8	7	6	6	6	7	7	8	8	8	7	7	7	7	5	5	7	7	6.5	24	13
3*	7	5	5	5	5	5	6	6	6	5	5	6	6	6	7	7	7	6	6	7	5	5	5	5	5.7	24	12
4	4	4	4	4	4	5	12	7	7	9	9	9	8	9	10	13	11	6	6	4	4	4	4	4	6.7	24	19
5	9	4	4	4	5	6	15	8	9	8	8	7	6	6	8	8	7	5	5	4	3	3	4	3	5.9	24	22
6	3	3	3	3	4	7	9	7	6	6	7	6	5	7	6	10	9	7	5	5	4	5	4	5	5.6	24	17
7	4	3	3	2	4	7	13	10	8	7	7	7	8	9	9	12	10	6	5	4	5	5	4	4	6.4	24	19
8	3	3	3	3	3	6	11	8	8	7	7	8	8	9	8	12	8	6	7	6	5	4	6	5	6.4	24	16
9*	4	4	4	4	4	5	5	6	6	6	5	5	6	6	6	6	5	6	5	5	6	6	7	6	5.3	24	11
10*	5	5	5	5	5	6	6	6	5	5	5	6	6	7	7	7	7	6	6	6	8	7	6	5	5.9	24	11
11	4	4	4	4	5	7	12	10	8	8	8	7	8		7	10	10	6	5	7	5	5	5	4	6.6	23	20
12	5	4	4	4	4	4	5	6	5	8	7	5	4	5	6	5	4	4	4	4	4	4	4	4	4.8	24	14
13	4	3	3	3	3	4	5	5	5	5	5	5	4	4	5	6	5	4	4	4	4	4	4	5	4.3	24	10
14	4	4	4	4	4	5	8	6	6	5	7	7	6	7	8	11	10	7	5	7	7	6	6	5	6.1	24	17
15	5	5	4	4	5	8	12	10	10	8	8	8	9	8	10	14	12	7	6	6	6	6	5	5	7.5	24	26
16*	6	5	5	5	5	5	8	8	7	5	5	6	6	8	7	7	7	7	9	9	8	7	11	8	6.7	24	22
17*	7	6	5	5	5	5	5	5	5	5	5	5	6	7	8	8	8	8	9	6	6	5	6	6	6.1	24	12
18	5	5	5	4	4	6	14	8	7	7	7	8	10	11	12	17	12	9	9	7	6	5	5	5	7.7	24	27
19	5	5	5	5	4	5	7	7	6	6	7	7	8	8	9	11	9	9	9	8	7	7	6	6	6.9	24	21
20	5	5	5	5	5	7	9	9	8	9	8	7	7	9	9	11	10	8	7	7	7	6	6	7	7.2	24	18
21	6	5	5	5	5	8	14	10	8	9	8	8	10	9	10	14	13	9	9	8	8	7	6	5	8.4	24	27
22	5	5	5		5	9	16	11	11	11	11	10	11	11	14	18	11	11	11	8	7	8	7	7	9.6	23	24
23*	6	7	6	6	6	7	9	9	9	9	9	10	8	9	10	9	9	9	12	9	9	8	9	8	8.4	24	21
24*	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7.6	24	10
25	8	8	8	8	10	10	13	13	12	11	10	11		6	8	9	10	7	7	6	6	4	4	3	8.3	23	18
26	3	3	2	2	2	5	12	8	5	4	4	4	7	6	6	7	9	8	6	5	5	6	5	5	5.4	24	24
27	5	5	4	4	4	7	10	9	8	7	7	7	7	8	9	11	9	7	7	7	7	7	6	5	6.9	24	17
28	3	4	4	3	3	4	8	8	6	6	5	6	6	6	6	9	12	6	5	5	5	5	4	4	5.5	24	20
29	4	4	4	4	4	5	7	7	7	6	5	5	5	5	6	7	6	5	5	5	5	5	5	5	5.2	24	11
30*	4	4	4	4	4	4	4	4	5	5	5	5	4	5	4	5	4	5	5	5	5	4	5	5	4.5	24	9
31*	6	5	5	5	4	4	4	4	4	4	4	4	4	4	5	6	5	5	5	4	4	4	4	4	4.4	24	9
MEAN	5	5	5	4	5	6	9	8	7	7	7	7	7	7	8	10	9	7	7	6	6	6	6	5	6.5		
NO.	31	31	31	29	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31		740	
MAX.	8	8	8	8	10	13	20	13	12	11	11	11	11	11	14	18	15	11	12	9	9	8	11	8	9.6		33

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-258.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CARBON MONOXIDE
JUNE 1964

CONCENTRATION IN PPM
INFRARED ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX.
1	4	3	4	4	5	6	9	7	6	6	6	6	7	6	7	7	8	5	5	5	5	5	6	5	5.6	24	12
2	4	4	4	4	4	5	7	7	6	5	5	6	6	6	6	7	7	5	5	4	4	5	4	4	5.2	24	15
3	4	4	4	4	4	5	7	7	5		3	3	4	3	5	5	4	4	3	4	6	4	4	5	4.3	23	15
4	2	2	2	2	2	4	9	10	6	7	5	4	5	5	7	12	8	4	4	3	3	3	3	4	4.8	24	20
5	1	2	2	1	2	4	5	7	6	6	6	6	6	8	9	14	11	6	8	5	5	6	7	5	5.7	24	22
6*	3	3	2	2	3	4	6	5	6	5	6	5	6	6	7	6	6	5	4	5	6	6	5	5	4.8	24	10
7*	5	4	3	3	3	3	4	4	5	5	5	6	6	5	5	9	7	7	6	5	6	6	5	4	5.0	24	18
8	3	2	2	3	3	8	13	7	8	8	8	9	8	8	9	14	12	8	7	6	6	5	4	2	6.7	24	22
9	2	2	2	2	2	4	10	9	6	7	8	6	8	4	6	11	6	4	6	3	3				5.1	21	21
10	3	3	3	4	4	5	8	7	7	7	8	6		7	7	6	8	5	5	4	5	5	5	5	5.5	23	16
11	5	4	4	4	5	5	10	9	7	7	6	6	6	7	9	14	14	7	6	6	6	6	5	5	6.7	24	25
12	4	5	5	4	4	7	13	10	9	10	7	7	7	8	9	10	6	5	6	5	5	5	5	6	6.7	24	26
13*	5	5	5	4	4	5	6	6	7	8	8	6	5	7	8	7	7	6	6	6	6	6	5	6	6.0	24	13
14*	6	5	5	6	6	6	6	5	5	5	6	6	6	7	8	9	9	8	6	6	6	6	5	5	6.1	24	13
15	4	4	5	4	5	7	9	8	9	7	7	6	6	6	7	8	7	6	6	7	7	7	6	6	6.4	24	13
16	6	5	5	5	7	6	8	9	8	8	8	8	8	9	9	12	14	7	8	7	7	7	6	6	7.6	24	28
17	5	6	5	5	5	8	12	8	9	9	9	9	8	10	11	12	12	7	6	7	6	6	6	6	7.8	24	19
18	6	6	6	6	6	11	15	14	11	10	11	11				14	10	7	7	6	6	5	5	6	8.3	21	23
19	3	3	3	3	4	6	12	9	8	8	9	8	9	10	12	15	13	9	9	8	8	8	8	7	8.0	24	18
20*	6	7	6	6	6	6	7	9	8	8	8	9	10	11	12	12	11	11	10	10	9	8	9	8	8.5	24	14
21*	8	7	7	7	7	7	7	8	8	8	10	10	11	12	13	13	12	12	11	9	9	9	10	8	9.3	24	16
22	9	10	10	8	8	11	18	16	12	12	12	13	14	14	16	12	9	6	7	9	7	9	9	6	10.3	24	25
23	4	3	4	4	4	9	12	9	9	10	10	10	12	11	12	14	11	10	10	9	9	9	9	8	8.7	24	19
24	8	8	8	8	8	8	10	10	10	11	11	11	11	12	13	14	12	11	11	11	10	11	11	10	10.2	24	20
25	10	10	9	9	10	13	16	15	12	12	12	12	14	14	15	15	15	13	14	13	12	13	12	11	12.4	24	25
26	11		11	11	10	13	20	14	14	14	14	13	14	15	16	22	22	15	14	13	14	15	14	15	14.5	23	32
27*	13	12	11	11	11	13	15	14	13	13	14	15	14	13	15	16	16	15	15	14	14	14	14	14	13.7	24	19
28*	13	14	13	13	12	14	13	13	12	13	14	15	15	15	16	16	15	16	15	17	16	16	14	13	14.2	24	22
29	12	12	12	12	13	15	19	20	16	13	16	17	17	19	18	21	22	16	18	19	18	17	16	14	16.7	24	29
30	14	14	14	13	13	15	20	17	16	17	17	18	17	19		8	10	7	8	6	5	5	4	4	12.2	23	28
MEAN	6	6	6	6	6	8	11	10	9	9	9	9	9	9	10	12	11	8	8	8	8	8	7	7	8.2		
NO.	30	29	30	30	30	30	30	30	30	29	30	30	28	29	28	30	30	30	30	30	30	29	29	29		710	
MAX.	14	14	14	13	13	15	20	20	16	19	17	18	17	19	18	22	22	16	18	19	18	17	16	16	16.7		32

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-259.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	4	4	4	4	4	6	11	9	9	8	8	6	7	8	8	10	9	6	6	6	7	6	7	7	6.7	24	16
2	5	6	5	5	4	5	8	8	8	8	8	8	9	9	9	9	8	7	9	7	8	8	6	6	7.3	24	14
3	6	6	5	6	5	6	8	8	6	7	8	7	9	8	8	9	8	8	8	8	8	8	7	7	7.3	24	18
4*	7	7	6	6	6	7	7	7	6	7	7	8	8	8	9	8	9	9	8	7	8	9	7	7	7.4	24	12
5*	6	6	6	7	6	6	6	6	6	7	6	6	8	7	7	7	7	6	7	7	7	7	6	5	6.5	24	12
6	5	5	6	5	6	7	13	12	10	10	9	10	10	9	11	14	13	10	7	8	8	8	7	7	8.8	24	22
7	7	7	8	7	7	8	14	12	11	10	9	8	9	11	12	11	10	9	8	8	8	8	7	7	9.0	24	20
8	6	6	6	6	6	8	12	11	11	10	10	8	8	8	8	13	13	9	9	8	9	10	10	9	8.9	24	21
9	8	8	8	7	7	7	8	9	9	7	8	7		7	8	10	9	7	7	7	7	7	7	6	7.6	23	14
10	6	5	5	5	6	7	13	13	10	8	9	8	9	9	9	12	11	8	8	9	8	9	8	8	8.5	24	22
11*	7	7	6	6	6	7	9	9	9	8	9	8	8	9	9	9	8	7	7	6	6	6	6	6	7.5	24	15
12*	6	6	6	6	6	5	6	6	6	6	6	7	7	7	8	8	8	7	7	7	6	6	6	6	6.4	24	9
13	6	6	6	6	6	7	8	8	8	8	8	8	8	8	9	10	8	7	7	9	9	7	7	7	7.5	24	14
14	6	6	6	6	7	10	15	12	10	11	10	10	12	11	11	14	14	11	11	9	9	9	9	8	9.9	24	24
15	7	7	7	6	7	10	14	11	11	11	11	11	11	12	13	16	14	10	9	9	8	9	9	9	10.0	24	25
16	8	8	7	7	8	10	14	13	11	11	10	11	11			13	13	10	10	10	9	8	8	8	9.8	22	19
17	7	7	6	7	7	9	17	12	12	10	10	11	11	13	14	17	15	12	10	10	10	9	10	10	10.6	24	29
18*	8	8	8	8	8	8	9	8	9	8	9	10	10	10	12	12	11	11	11	10	11	10	11	11	9.5	24	18
19*	9	9	9	8	9	9	9	9	9	9	10	11	12	12	12	12	12	12	12	11	11	10	10	9	10.0	24	13
20	9	8	8	8	9	11					11	11	12	13	14	16	17	12	12	12	12	10	10	10	11.3	20	27
21	10	10	9	9	9	12	17	13	13	12	13	12	12	13	15	17	15	13	13	11	10	11	11	10	12.0	24	26
22	9	9	9	9	9	10	15	15	14	12	12	12	13	13	14	17	15	12	12	11	11	12	11	10	11.8	24	23
23	10	10	9	9	9	12	18	14	12	12	12	12	13		11	14	14	11	10	8	9	9	8	8	11.1	23	27
24	6	6	6	6	7	9	13	11	11	11	12	10	12	12	13	15	17	10	9	9	9	8	8	7	9.8	24	25
25*	9	7	8	7	7	8	8	8	8	9	10	10	10	10	10	11	10	10	11	10	8	8	8	8	8.7	24	15
26*	7	7	7	6	6	7	7	6	7	8	8	8	9	10	11	11	10	10	10	10	11	10	8	8	8.4	24	14
27	7	7	7	7	8	10	12	11	12	12	10	10	11	13	14	16	15	11	12	10	10	9	8	8	10.4	24	23
28	8	7	7	7	7	9	15	11	11	10	11	10	9	10	14	15	14	12	11	9	9	9	8	8	10.0	24	19
29	7	7	7	7	7	7	9	9	9	9	10	10	10	10	11	12	12	10	10	9	8	9	9	8	8.9	24	14
30	8	7	7	7	7	9	11	11	10	10	11	10	10	11	11	14	15	10	10	10	11	10	11	10	10.0	24	24
31	9	9	8	9	9	11	16	12	11	14	12			11	13	15	14	12	12	11	10	9	9	9	11.0	22	26
MEAN	7	7	7	7	7	8	11	10	10	9	10	9	10	10	11	12	12	10	9	9	9	9	8	8	9.1		
NO.	31	31	31	31	31	31	30	30	30	30	31	30	29	29	30	31	31	31	31	31	31	31	31	31		734	
MAX.	10	10	9	9	9	12	18	15	14	14	13	12	13	13	15	17	17	13	13	12	12	12	11	11	12.0		29

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-260.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

ST. LOUIS, MO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
AUG. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1*	8	8	7	7	7	8	8	9	8	10	10	11	10	11	12	13	11	11	10	10	9	9	8	8	9.2	24	14
2*	7	7	7	7	6	7	7	7	7	7	8	8	9	10	10	11	11	10	9	9	8	8	6	6	8.0	24	14
3	6	5	5	5	5	8	9	6	7	7	7	7	7					5	5	6	6	5	6	5	6.1	20	14
4	4	5	5	5	5	6	8	6	6	5	5	5	5	6	8	8	8	6	6	6	5	5	4	4	5.6	24	15
5	4	4	4	3	4	5	7	6	7	7	7	7	7	8	9	9	11	7	7	6	5	5	5	5	6.2	24	18
6																											
7											3	2	2	3	5	5	4	4	3	2	2	2	1	1	2.7	14	10
8*	1	1	1	1	1	1	2	2	2	3	3	3	3	4	5	5	4	5	4	3	3	3	3	4	2.8	24	7
9*	2	1	1	1	1	1	1	2	2	2	2	2	3	4	5	5	4	5	5	4	4	4	3	2	2.7	24	8
10	1	1	1	1	2	3	9	8	7	6	6	7	7	7	10	15	12	9	6	6	6	5	4	3	6.0	24	25
11	3	2	2	2	2	4	10	7	5	4	4	5	5	6	7	7	6	5	5	4	3	3	3	3	4.5	24	17
12	3	3	3	3	3	3	5	4	4	5	4	4	4	5	5	6	5	4	5	4	4	5	5	5	4.1	24	7
13	4	4	4	3	3	4	7	5	6	6	6	5	6	7		3	3	2	2	1	1	2	1	2	3.7	23	11
14	2	2	1	1	2	2	8	7	6	5	4	4	5	4	5	6	6	3	4	2	2	2	5	2	3.7	24	16
15*	2	1	2	1	1	2	2	4	3	3	4	3	3	3	3	3	3	2	2	2	1	1	3	3	2.4	24	13
16*	5	2	3	3	1	2	2	5	4	2	5	4	4	4	5	6	5	4	4	3	4	6	6	4	3.7	24	11
17	5	5	5	2	2	3	4	5	5	8	6	6	6	5	6	5	6	4	4	3	3	3	2	2	4.3	24	16
18	2	2	2	2	2	3	7	5	5	5	6	6	5	5	7	10	8	7	7	5	5	6	7	5	5.1	24	20
19	3	3	3	3	4	7	13	8	6	7	7	7	8	10	11	11	11	7	7	6	5	5	6	4	6.7	24	21
20	3	3	3	3	3	6	11	8	7	7	7	7	6	7	11	14	11	5	3	3	4	4	3	3	5.9	24	23
21	4	2	2	2	2	4	10	8	8	8	8	8	8	8	9	11	14	7	7	6	5	5	4	5	6.3	24	24
22*	3	3	3	3	3	4	7	7	7	7	4	5	5	7	6	5	5	5	4	4	4	3	5	3	4.7	24	12
23*	3	3	3	3	3	3	4	3	3	4	4	4	4	5	5	4	4	4	4	4	5	5	5	6	4.0	24	9
24	4	4	4	4	3	6	9	10	9	9	6	6	6	9	8	13	10	7	8	6	7	8	4	3	6.8	24	18
25	3	3	3	2	3	4	10	9	11	9	7	7	5	6	8	7	9	4	4	4	4	4	5	4	5.6	24	25
26	4	3	4	3	3	4	9	11	9	7	9	8	6	5	6	10	7	2	3	2	5	4	3	1	5.4	24	19
27	1	1	1	1	2	5	11	10	7	8	8	7	7	8	8	10	10	6	5	5	4	4	4	4	5.6	24	21
28	4	3		3	3	5	12	11	8	5	5	7	5	5	5	8	9	5	7	7	6	6	8	6	6.3	23	22
29*	6	5	6	3	4	5	7	7	7	6	6	5	6	6	7	7	6	6	6	6	7	6	6	7	5.9	24	11
30*	6	6	6	5	5	6	7	7	6	5	5	5	5	6	7	6	6	7	7	7	9	9	8	7	6.3	24	13
31	6	6	6	7	6	8	12	12	11	9	9	8	8	9	9	10			3	4	3	3	3	3	7.0	22	19
MEAN	4	3	3	3	3	4	7	7	6	6	6	6	6	6	7	8	7	5	5	5	5	5	5	4	5.3		
NO.	29	29	28	29	29	29	29	29	29	29	30	30	30	29	28	29	28	29	30	30	30	30	30	30		702	
MAX.	8	8	7	7	7	8	13	12	11	10	10	11	10	11	12	15	14	11	10	10	9	9	8	8	9.2		25

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-261.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	2	2	1	1	1	3	8	7	5	4	4	2	4	5	6	12	8	5	4	4	3	3	2	2	4.0	24	22
2	2	1	1	1	2	6	11	6	4	4	4	4	3	5	4	8	6	2	2	2	5	2	3	2	3.8	24	20
3	2	1	1	1	2	4	11	7	6	6	4	3	5	5	5	10	7	2	2	2	3	3	4	3	4.0	24	21
4	2	1	1	1	1	1	3	3	3	3	2	2	3	3	3	5	3	3	2	3	2	1	2	2	2.3	24	12
5*	1	2	2	1	1	2	2	2	1	2	3	3	2	3	3	3	3	3	3	2	2	3	3	2	2.3	24	10
6*	3	2	2	2	2	2	2	2	2	2	2	3	4	5	5	4	4	3	3	3	3	3	3	3	2.7	24	10
7	2	2	1	1	1	1	2	3	2	2	2	2	3	4	6	5	4	4	4	4	3	2	2	1	2.6	24	13
8	2	2	2	2	1	5	12	13	13	9	7	7	6	8	9	13	11	8	6	4	4	2	3	2	6.1	24	23
9	2	1	1	1	1	5	19	8	7	5	6	5	7	7	10	17	11	5	5	5	5	4	4	3	6.0	24	28
10	2	2	1	1	2	6	14	11	10	7	7	7	8	8	11	15			3	4	4	2	1	1	5.7	22	26
11	1	1	1	1	1	1	4	4	3	3	3	2	4	4	3	8	8	3	3	2	2	3	4	5	2.9	24	16
12*	3	2	3	1	2	3	4	4	3	3	3	2	2	2	3	3	2	2	3	3	2	2	4	5	2.7	24	8
13*	3	2	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	1	2	2	3	2	2	1	1.7	24	8
14	1	1	1	1	1	2	10	9	6	7	3	3	4	3	7	10	7	4	2	3	3	2	2	2	4.1	24	23
15	1	1	1	1	2	3	9	8	9	8	12	9	3	6	6	10	6	2	1	2	3	3	2	1	4.5	24	20
16	1	2	2	1	2	2	4	5	4	3	4	6	5												3.0	13	12
17											3	2	3	3	4	8	6	2	2	2	2	2	2	2	3.2	14	16
18	4	2	2	2	2	3	7	5	9	6	5	3	3	4	2	9	12	4	3	2	2	3	3	2	3.9	24	27
19*							5	5	3	3	2	3	3	3	4	4	4	6	6	7	12	4	4	4	4.5	18	22
20*	3	4	2	3	2	3	3	4	4	4	4	4	3	4	5	5	4	5	6	6	5	5	5	4	4.1	24	10
21	3	3	3	3	3	3	12	10	10	13	8	8	8			13	13	6	5	4	4	3	3	3	6.8	22	30
22	3	3	2	2	3	3	6	11	8	6	6	7	4	5	8	15	10	6	5	5	5	4	4	3	5.7	24	24
23	3	3	3	3	3	3	5	9	5	5	5	5	5	5	5	7	5	5	5	4	4	4	5	4	4.4	24	9
24	4	4	4	4	4	4	7	7	8	7	6	6	6	6	6	7	7	5	7	7	7	7	7	7	6.0	24	9
25	7	7	6	6	6	9	18	14	12	12	9	9	10	11	12	16	15	9	9	8	7	7	8	8	9.7	24	26
26*	9	7	6	6	7	7	8	8	9	9	9	9	10	10	10	11	10	9	9	9	9	9	10	9	8.5	24	14
27*	9	7	8	7	7	8	8	8	8	8	9	9	9	9	10	9	9	10	10	10	10	10	9	10	8.8	24	13
28	10	9	8	8	9	11	17	14	11	11	12	11	12	12	12	17	18	12	14	14	13	12	12	11	12.1	24	30
29	11	13	14	13	12	16	25	24	21	16	13	13	14				5	3	4	4	4	4	4	4	11.2	21	42
30	4	2	2	1	2	3	9	7	7	5	4	4	4	5	6	11	13	6	6	6	5	6	6	6	5.3	24	25
MEAN	3	3	3	3	3	4	8	7	7	6	5	5	5	5	6	9	8	5	5	4	5	4	4	4	5.1		
NO.	28	28	28	28	28	28	29	29	29	29	30	30	30	27	27	28	28	28	29	29	29	29	29	29		686	
MAX.	11	13	14	13	12	16	25	24	21	16	13	13	14	12	12	17	18	12	14	14	13	12	12	11	12.1		42

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-262.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
OCT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	3	3	3	3	4	8	14	14	11	8	8	7	8	8	9	10	9	4	4	5	4	3	4	3	6.4	24	29
2	3	2	3	2	3	4	8	6	5	5	4	4	4	5	5	7	6	5	7	7	5	5	5	8	4.8	24	17
3a	10	6	8	7	6	7	8	7	7	6	5	5	4	4	5	6	5	5	5	4	5	8	6	3	5.9	24	13
4a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2.0	24	6
5	1	1	1	1	1	1	2	3	3	4	3	3	3	3	3	5	4	3	2	2	3	3	2	2	2.4	24	7
6	1	1	1	1	1	1	4	5	5	5	3	3	3	3	3	3	4	2	5	5	4	4	2	2	3.0	24	8
7	2	2	1	1	2	5	11	8	7	8	7	6	5	5	8	10	7	4	3	2	2	2	2	1	4.6	24	20
8	1	1	2	2	2	5	9	4	3	3	3	2	3	2		4	3	2	2	1	1	1	1	1	2.5	23	18
9	1	1	1	1	1	2	4	3	3	4	3	3	3	3	4	5	4	3	3	4	4	5	4	5	3.1	24	9
10a	4	3	3	3	2	2	2	4	4	5	5	3	3	3	4	4	3	3	5	5	5	4	4	4	3.6	24	10
11a	4	3	2	2	2	2	3	2	2	3	2	3	3	3	4	4	4	4	5	6	4	5	4	3	3.3	24	9
12	3	3	2	2	3	5	9	8	7	5	4	3	4	5	4	5	4	4	4	4	3	3	3	5	4.1	24	14
13	3	3	3	3	4	7	18	19	9	8	6	6	5	6	5	8	7	6	6	6	7	6	5	5	6.6	24	30
14	3	3	3	4	4	6	12	14	10	9	8	6	5	5	5	8	8	5	5	5	5	5	5	4	6.1	24	24
15	5	4	3	3	3	7	10	13	13	11	8	5	4	5	5			7	7	7	8	10	9	6	6.9	22	18
16	5	5	6	4	4	5	19	25	15	14	10	5	6	6	6	5	9	4	9	13	14	14	9	6	9.0	24	45
17a	6	6	5	4	4	4	5	5	7	8	6	4	4	5	8	6	6	7	6	7	4	5	6	4	5.4	24	19
18a	4	5	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	6	6	5	5	4	4	4.1	24	6
19	3	3	3	3	3	4	6	5	6	5	6	5	5	6	5	6	5	5	4	4	4	4	3	3	4.4	24	8
20	3	3	3	3	3	4	8	7	7	6	5	5	6	7	8	11	11	6	8	6	5	5	4	4	5.7	24	19
21	3	3	3	3	3	4	6	6	5	6	5	4	4	4	5	6	5	4	5	4	4	4	4	5	4.3	24	9
22	3	3	3	3	4	6	9	10	7	5	7	5	4		5	7	8	4	5	5	5	4	4	4	5.2	23	18
23	4	3	3	3	4	5	8	7	6	5	6	5	5	5	5	7	6	5	10	10	8	9	7	4	5.8	24	24
24a	4	4	3	3	3	3	9	7	8	6	6	5	5	4	6	6	5	6	5	8	5	5	4	4	5.1	24	18
25a	4	3	3	3	2	3	3	5	4	4	4	5	5	5	4	5	5	5	4	3	4	5	4	4	3.9	24	11
26	3	3	3	3	3	4	6	14	10	10	9	7	8	7	8	10	12	11	5	6	4	3	3	3	6.4	24	31
27	4	2	2	2	2	3	5	15	11	10	8	7	6	7	8	8	18	19	8	8	7	5	5	3	7.1	24	44
28	4	3	3	2	2	3	3	8	7	10	5	4	3	5	4	4	6	7	7	7	9	6	7	8	5.2	24	14
29	7	5	3	2	2	2	2	5	5	5	5	4	4	4	4	5	9	8	5	4	4	4	4	5	4.6	24	15
30	5	4	3	2	2	3	5	12	9	7	6	5	7	8	8	8			12	9	8	7	7	7	6.5	22	20
31a	6	5	5	4	4	5	5	8	8	7	8	8	7	6	7	7	9	11	10	10	10	9	9	9	7.4	24	13
MEAN	4	3	3	3	3	4	7	8	7	6	5	5	5	5	5	6	6	6	5	6	5	5	5	4	5.0		
NO.	31	31	31	31	31	31	31	31	31	31	31	31	31	30	30	30	29	30	31	31	31	31	31	31		738	
MAX.	10	6	8	7	6	8	19	25	15	14	10	8	8	8	9	11	18	19	12	13	14	14	9	9	9.0		45

a - Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-263.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
INPHARED ANALYSIS

CARBON MONOXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	7	6	7	7	6	5	6	7	8	7	6	6	7	8	7	7	7	10	7	8	8	7	8	9	7.0	24	23
2	7	6	6	6	6	6	13	16	16	13	12	12	12	12	10	13	18	19	10	8	10	9	10	9	10.7	24	38
3	9	7	7	7	8	9	11	15	15	11	11	11	11	11	11	12	25	17	11	10	10	11	10	11	11.2	24	34
4	10	8	9	9	10	9	13	18	17	17	13	11	10	12	11	15	21	20	13	15	14	13	14	13	13.1	24	32
5	5	3	2	2	2	3	4	6	6	6	6		4	4	6	5	12	7	5	9	5	4	5	4	5.0	23	22
6	4	3	3	3	3	3	6	14	10	7	8	6	6	6	6	6	19	13	6	6	7	6	8	6	6.7	24	34
7*	6	5	4	4	5	4	6	7	7	6	6	6	5	5	5	5	4	7	6	5	7	4	5	5	5.3	24	14
8*	5	4	5	4	3	3	3	6	6	4	3	4	4	4	4	4	6	8	6	5	5	3	3	4	4.5	24	16
9	3	2	2	2	2	2	5	11	11	8	8	7	6	7	7	9	16	16	8	5	4	5	3	4	6.3	24	31
10	3	3	3	2	2	3	5		11	8	7	6	6	7	7	7	11	10	5	4	3	3	3	3	5.3	23	18
11																											
12	3	2	2	2	2	2	4	7	5	6	5			6	6	7	12	11	6	6	6	4	5	5	5.1	22	19
13	4	4											6	6	5	9	11	10	6	6	4	3	4	4	6.2	14	29
14*	3	3	3	2	2	2	3	6	6	5	5	5	4	4	4	4	5	6	5	5	4	3	5	4	3.9	24	14
15*	4	3	3	3	2	2	2	3	5	5	5	5	3	4	5	5	5	5	4	5	3	3	3	3	3.3	24	10
16	4	2	2	2	2	2	3	5	5	7	6	8	4	4	5	5	5	6	4	2	2	2	2	2	3.6	24	17
17	1	1	1	1	1	2	4	7	6	6	6	7	7	6	6	5	6	6	4	3	3	2	2	2	4.0	24	15
18	4	2	2	2	1	2	2	5	5	4	7	5	9	4	4	4	9	7	3	3	3	3	3	3	3.7	24	14
19	4	2	2	2	2	2	3	7	7	4	5	4	3	3		4	5	4	3	3	3	3	4	3	3.4	23	13
20	4	2	2	2	2	2	4	9	6	6	6	4	3	3	3	3	4	3	2	3	2	2	2	4	3.4	24	15
21*	4	2	2	2	1	2	2	2	3	3	3	3	3	3	2	2	3	3	2	3	3	2	6	5	2.7	24	19
22*																											
23									10	9	10	8	8	7	8	9	20	15	6	5	4	5	3	4	8.2	10	36
24	3	3	4	3	2	3	6	15	13	11	9	7	6	9	9	10	18	19	7	7	5	5	5	6	7.6	24	38
25	4	3	4	4	3	3	4	8	10	10	7	7	5	5	7	7	12	21	10	6	5	5	4	4	6.6	24	25
26	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3	4	3	5	5	2.7	24	15
27	4	2	2	2	1	2	4	10	7	7	9	7	7	12	14			8	6	4	3	3	4	4	5.3	22	25
28*	3	2	2	2	2	2	2	3	5	3	5	5	5	4	3	3	3	3	3	3	4	3	3	3	3.1	24	9
29*	4	2	2	2	2	2	3	3	5	3	3	3	4	3	4	3	3	3	4	3	2	3	2	3	2.7	24	7
30	4	2	2	2	2	2	5	5	5	5	6	5	5	5	5	5	12	14	7	5	5	5	4	4	4.8	24	20
MEAN	4	3	3	3	3	3	5	8	8	7	7	6	6	6	6	6	10	10	6	5	5	4	5	5	5.5		
NO	27	27	26	26	26	26	26	25	27	27	27	25	27	48	27	27	27	28	28	28	28	28	28	28		647	
MAX	10	8	9	9	10	9	13	18	17	17	13	12	12	12	14	15	25	21	13	15	14	13	14	15	13.1		38

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-264.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
DEC. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	3	3	3	3	3	3	5	8	6	6	6	5	6	6	6	6	10	15	7	6	4	4	3	6	5.5	24	28
2	3	3	3	3	3	3		14		8	8	7	6	7	6	7	12	12	6	5	4	3	4	3	5.8	22	19
3	3	3	3	3	2	3	4	8	8	7	7	7	6	7	7	6	12		4	4	3	3	3	4	4.8	23	19
4	3	2	2	2	2	2	3	3	3	4	4	3	3	4	3	3	6	4	2	2	2	2	2	2	3.0	24	10
5*	2	1	1	1	1	1	1	2	2	3	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2.0	24	7
6*	2	2	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	3	3	3	1	3	2	2	2.0	24	10
7	1	1	1	1	1	2	3	11	8	6	9	6	6	6	6	5	9	8	6	5	4		4	3	4.9	23	16
8	3	2	1	1	2	2	4		8	4	4	3	3	3	4	5	9	8	4	3	3	3	3	3	3.7	23	20
9	2	1	1	1	1	1	4	9	8	8	6	5	5	5	8	10	19	16	9	6	4	5	6	5	5.9	24	34
10	4	3	3	3	3	3	8	16	14	8	8	9	8	7	8	8	18	18	7	6	6	5	8	5	7.7	24	39
11	4	3	2	2	2	3	6	9	15	12	12	8	6	7	7	6	9	6	8	10		7	12	14	7.3	23	21
12*	7	5	3	2	2	2	3	6	6	5	8	6	6	8	5	4			5	4	9		4	4	5.0	21	10
13*	3	2	2	2	2	2	1	1	1	1	1	1	2												1.5	13	4
14												4	3	3	4	4	5	4	3	2	2	2	2	2	3.1	13	6
15	2	2	2	2	2	3	6	10	7	8	6	6	6	7	6	6	6	5	2	3	4	4	4	5	4.6	24	15
16	3	2	2	2	2	2					7	7	6	7	7	11	16	13	7	7	3	2	2	2	5.4	20	24
17	4	2	2	1	2	2	2	9	5	4	5		4	5	5	6	8	7	5	5	5	5	7	5	4.2	23	14
18	5	5	5	5	4	4	5	7	8	7	8	8	9	8	9	11	15	15	8	6	6	6	7	6	7.3	24	23
19*	5	5	4	4	4	4	5	5	6	6	5	6	6	5	5	7	7	7	6	7	6	6	8	7	5.6	24	14
20*	5	5	4	4	3	3	5	5	6	3	4	5	5	6	8	8	7	10	10	9	10	9	10	8	6.2	24	17
21	6	5	5	5	5	5	8	14	13	15	14	12	10	11	11	13	24	16	9	7	7	8	7	8	9.7	24	32
22	6	9	4	4	4	4	7	12	9	8	7	8	8	7	8	10	13	14	8	8	5	6	10	8	7.5	24	24
23	5	6	4	4	3	4	10	20	15	9	10	10			8	11	21	21	7	6	5	6	8	8	9.1	22	41
24	5	4	4	3	4	4	8	11	15	10	6	5	6	4	4	4	3	3	3	3	2	2	2	3	4.8	24	20
25	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	5	4	4	3	3	2	3	3	3.1	24	11
26*	3	3	2	2	2	2	3	3	4	4	4	5	4	4	4	4	3	4	3	4	4	3	5	4	3.4	24	10
27*	4	3	3	3	3	3	4	4	4	4	5	5	4	4	5	5	4	4	3	3	3	3	2	4	3.6	24	9
28	3	2	2	3	1	1	2	9	7	7	9	10	7	8	8	9	12	11	3	2	3	3	3	3	5.3	24	25
29	3	2	2	2	2	2	4	8	7	8	8	9	9	10	7	9	13	8	5	4	4	5	12	8	6.3	24	27
30	3	2	4	2	2	2	2	3	3	4	4	5	4	4	4	4	3	5	5	4	4	3	4	4	3.6	24	9
31	3	2	2	2	1	2	3	10	9	6	5			7						4	3	3	2	4	4.0	17	13
MEAN	3	3	3	2	2	3	4	8	7	6	6	6	5	6	6	6	10	9	5	5	4	4	5	5	5.1		
NO.	30	30	30	30	30	30	28	28	28	29	30	29	29	29	29	29	28	27	29	30	29	28	30	30		694	
MAX.	7	6	5	5	5	5	10	20	15	15	14	12	10	11	11	13	24	21	10	10	10	9	12	14	9.7		41

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-265.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

ST. LOUIS, MISSOURI
NITRIC OXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS.	5-MIN MAX.
MEAN																											
NO.																											
MAX.																											

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED

CONTINUOUS AIR MONITORING PROGRAM

Table 3-266.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MISSOURI

CONCENTRATION IN PPM

NITRIC OXIDE

COLORIMETRIC ANALYSIS

FEB. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
MEAN																											
NO.																											
MAX.																											

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED

Table 3-267.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
6*	.08	.06	.05	.04	.03	.02	.02	.04				.04	.05	.03		.06	.14	.25	.19	.13	.10	.08	.05	.12	.079	20	.32
7	.02	.00	.00	.00	.00	.00	.00	.02	.10	.12	.15	.32	.40	.26											.098	14	.41
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*																											
20*																											
21	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.03	.02	.02	.02	.02	.016	22	.03
22	.02	.02	.02	.02	.02	.01	.02	.02	.03	.03	.03	.03	.03	.03			.03	.04	.04	.04	.04	.04	.04	.04	.029	22	.05
23																											
24	.03	.03	.03	.02	.02	.02	.02	.04	.03	.01												.03	.02	.01	.023	13	.05
25	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02		.02	.02	.02	.01	.01	.01	.01	.01	.01	.013	23	.02
26*	.01	.01	.01	.01	.01	.01	.01	.02		.02	.02	.01	.02	.02		.03	.03	.03	.03	.03	.03	.03	.04	.03	.020	22	.04
27*	.03	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.04	.04	.04	.03	.04	.03	.03	.03	.03	.033	23	.05
28	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02		.02	.02	.02	.02	.02	.03	.02	.03	.04	.019	23	.04
29	.04	.03	.03	.02	.03	.03	.02	.02	.01	.01	.01	.01	.01	.01			.01	.01	.02	.02	.02	.02	.02	.02	.018	22	.04
30	.02	.02	.01	.01	.01	.02	.03	.02	.03	.03	.05	.03	.03	.03		.04	.04	.05	.05	.04	.05	.05	.05	.06	.034	23	.06
31	.06	.05	.05	.04	.02	.03	.03	.03	.02	.03	.02	.02	.02	.02		.03	.03	.04	.05	.05	.04	.04	.04	.03	.033	23	.06
MEAN																											
NO.	12	12	12	12	12	12	12	12	10	11	10	11	11	11		7	10	10	10	10	10	11	11	11		250	
MAX.	.08	.06	.05	.04	.03	.03	.03	.04	.10	.12	.15	.32	.40	.26		.06	.14	.25	.19	.13	.10	.08	.05	.12	.098		.41

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-268.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.02	.02	.02	.01	.01					.03	.03	.03	.02	.02		.05	.13	.13	.05	.04	.01	.02	.04	.04	.036	19	.20
2	.04	.03	.04	.00	.00	.00	.05	.19	.13	.06	.04	.03	.03	.03		.06	.08	.08	.03	.02	.01	.02	.02	.01	.042	23	.27
3	.04	.06	.04	.00	.00	.03	.11	.18	.18	.16	.03	.03	.03	.03		.04	.05	.15	.07	.06	.09	.04	.07	.02	.065	23	.25
4*	.01	.01	.01	.00	.00	.00	.00	.01	.02	.02	.02	.02	.03	.03		.04	.05	.04	.02	.02	.02	.02	.03	.03	.019	23	.06
5*	.02	.01	.01	.00	.00	.00	.00	.02	.02	.02	.03	.02	.09	.07		.06	.04	.05	.07	.11	.10	.06	.10	.04	.039	23	.18
6	.08	.14	.10	.14	.07	.06	.13	.22		.10	.09	.04	.05	.08		.05	.08	.08	.03	.07	.06	.02	.04	.05	.079	22	.27
7	.05								.02	.02	.02	.01	.01	.01	.02		.01	.01	.00	.00	.00	.00	.00	.00	.012	16	.06
8	.00									.02	.02	.02	.02	.02		.03	.03	.04	.02	.05	.06	.03	.04	.08	.030	15	.16
9	.02	.03	.04	.05	.03	.06	.09	.12	.11	.07	.04	.01	.02	.02			.06	.06	.04	.08	.15	.13	.11	.07	.063	22	.18
10	.06	.04	.06	.04	.01	.01	.02	.06	.06	.02	.01		.09	.04		.03	.07	.07	.04	.02	.03	.01	.02	.02	.036	22	.10
11*	.02	.01	.01	.01	.01	.02	.04	.05	.06	.05	.04	.03	.03	.02		.02	.03	.03	.01	.02	.03	.02	.05	.03	.028	23	.12
12*	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.02	.02	.02	.02	.01	.01	.01	.02	.01	.013	23	.05
13	.01	.01	.01	.00	.00	.01	.03	.06	.09	.05	.04	.04	.03												.027	13	.15
14																											
15	.00						.12	.18	.12	.07	.05	.04	.03	.02	.05	.06	.10			.08	.07	.05	.06	.04	.067	17	.30
16	.02	.01	.01	.02	.04	.06	.08	.18	.16	.08	.03	.04	.04	.03			.09	.16	.06	.02	.02	.02	.05	.06	.056	22	.24
17	.04	.02	.00	.00	.02	.01	.06	.11	.11	.06		.02		.05		.03	.07	.09	.04	.05	.06	.04	.08	.15	.052	21	.23
18*	.04	.04	.01	.01	.00	.03	.05	.05	.04	.04	.00	.00	.00	.04		.05	.05	.04	.07	.13	.12	.05	.08	.06	.042	23	.16
19*	.09	.03	.04	.03	.04	.04	.07	.06	.04	.03	.03	.02	.01	.01		.03	.02	.01	.02	.02	.02	.02	.04	.02	.031	23	.15
20	.03	.01	.00	.01	.01	.02	.06	.14	.10	.06	.06	.09	.05	.04			.09	.11	.01	.02	.03	.02			.047	20	.19
21																											
22																											
23	.01	.00	.00	.00	.00	.00	.03	.14	.11							.01	.03	.04	.01	.02	.04	.03	.03	.01	.028	18	.20
24	.00	.00	.00	.00	.00	.00	.02	.07	.10	.08	.04	.03	.02	.02		.07	.11	.11	.06	.05	.04	.03	.03	.09	.041	23	.15
25*	.04	.03	.02	.02	.02	.02	.04	.05	.06	.05	.04	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.04	.033	23	.07
26*	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03		.02	.03	.04	.03	.03	.03	.04	.04	.03	.029	23	.05
27	.03	.02	.02	.02	.02	.07	.16	.14	.07	.07	.06	.04							.01	.03	.01	.02	.01	.01	.044	18	.21
28	.01	.02	.03	.01	.02	.03	.07	.07	.04	.05	.03	.03	.04	.04			.04	.02	.04	.02	.03	.03	.03	.02	.033	22	.11
29	.01	.00	.00	.00	.00	.00	.01	.03	.05	.04	.03	.03	.03	.03		.03	.03	.02	.02	.02	.02	.02	.02	.03	.021	23	.06
30	.03	.02	.04	.02	.01	.03	.06	.06	.04	.02	.02	.02	.02	.01		.01	.03	.01	.01	.03	.07	.06	.05	.04	.030	23	.09
MEAN	.03	.02	.02	.02	.01	.02	.05	.09	.07	.05	.03	.03	.03	.03		.04	.05	.06	.03	.04	.04	.03	.04	.04	.039		
NO.	27	24	24	24	24	23	24	24	24	26	25	25	24	24	2	20	25	24	25	26	26	26	25	25		566	
MAX.	.09	.14	.10	.14	.07	.07	.16	.22	.18	.16	.09	.09	.05	.08	.05	.07	.13	.16	.07	.13	.15	.13	.11	.15	.079		.30

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-269.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.04	.04	.08	.05	.03	.17	.29	.17	.11	.07	.06			.07		.05	.06	.03	.02	.02	.01	.01	.01	.01	.066	21	.41
2*	.00	.00	.00	.00	.00	.01	.03	.04	.03	.01	.01	.01	.01	.00		.01	.01	.01	.01	.01	.02	.01	.03	.04	.013	23	.06
3*	.04	.01	.02	.01	.01	.01	.03	.04	.02	.02	.01	.01	.01	.02		.02	.02	.02	.02	.02	.03	.02	.01	.01	.018	23	.07
4	.01	.01	.01	.01	.01	.03	.11	.09	.03	.04	.04			.01		.07	.08	.02	.03	.02	.02	.01	.01	.01	.031	21	.16
5	.01	.01	.01	.01	.01	.06	.13	.09	.06	.05	.04	.02	.02	.02		.08	.03	.02	.01	.01	.01	.00	.02	.00	.030	23	.19
6	.00	.00	.00	.00	.00	.04	.09	.06	.04	.03	.03	.04	.03	.04		.09	.10	.05	.03	.03	.04	.04	.03	.04	.037	23	.15
7	.04	.02	.01	.02	.01	.08	.15	.13	.07	.05	.03	.03	.02	.03			.10	.04	.02	.02	.03	.03	.02	.02	.043	22	.17
8	.01	.00	.00	.01	.01	.04	.09	.06	.05	.04	.06	.06	.02	.04		.09	.08	.05	.04	.02	.01	.01	.01	.00	.034	23	.13
9*	.00	.00	.00	.00	.00	.00	.02	.05	.02	.02	.02	.01	.01	.00		.00	.00	.00	.00	.01	.01	.03	.05	.03	.012	23	.08
10*	.00	.01	.05	.04	.04	.05	.06	.08	.05	.03	.01	.01	.01	.01			.01	.01	.00	.01	.05	.06	.05	.02	.029	22	.10
11	.02	.02	.02	.01	.02	.06	.11	.11	.06	.04	.03	.03	.03	.03		.10	.08	.04	.03	.03	.02	.02	.01	.01	.038	23	.16
12	.01	.00	.01	.00	.00	.00	.01	.02	.02	.04	.03	.03	.01	.02		.02	.02	.01	.01	.01	.01	.01	.01	.01	.012	23	.05
13	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.02	.01	.01	.01		.01	.02	.00	.00	.00	.00	.00	.00	.01	.007	23	.03
14	.00	.00	.00	.00	.01	.02	.08	.09	.06	.02	.04	.01	.02	.02			.05	.01	.00	.01	.03	.02	.03	.02	.025	22	.13
15	.01	.01	.00	.00	.00	.03	.10	.10	.09	.04	.02	.01	.01	.02		.10	.10	.02	.01	.01	.02	.04	.03	.02	.033	23	.14
16*	.02	.02	.02	.01	.01	.03	.07	.07	.03	.00	.00	.01	.00	.01		.00	.01	.00	.01	.02	.01	.01	.12	.11	.028	23	.21
17*	.06	.08	.02	.02	.01	.05	.05	.03	.01	.01	.01	.01	.01	.01		.01	.01	.02	.03	.01	.02	.02	.03	.07	.026	23	.11
18	.05	.03	.02	.04	.02	.04	.07	.06	.02	.01	.01	.01	.01	.01		.07	.07	.02	.02	.04	.04	.02	.03	.02	.030	23	.13
19																											
20	.01	.01	.04	.02	.01	.02	.08	.08	.06	.04	.04	.02	.01	.01		.04	.04	.02	.01	.01	.01	.04	.04	.03	.029	23	.11
21	.02	.01	.01	.01	.02	.05	.10	.12	.06	.04	.04	.02	.02	.02		.06	.06	.02	.03	.02	.03	.04	.03	.03	.037	23	.13
22	.02	.01	.01	.01	.01	.05	.12	.07	.07	.05	.04	.02	.01	.02		.06	.04	.06	.06	.04	.02	.03	.03	.02	.037	23	.19
23*	.03	.02	.01	.01	.03	.03	.05	.06	.06	.06	.05	.04	.02	.02		.03	.03	.02	.03	.03	.03	.02	.05	.05	.033	23	.07
24*	.04	.04	.03	.02	.02	.01	.01	.03	.04	.04	.04	.02	.02	.02		.01	.01	.01	.01	.01	.01	.02	.02	.02	.022	23	.06
25	.02	.02	.02	.03	.03	.04	.14	.13	.06	.05	.05	.04	.02	.02		.04	.05	.04	.05	.04	.05	.04	.04	.04	.046	23	.18
26	.05	.04	.03	.02	.03	.08	.15	.14	.04	.03	.03	.02	.06	.05		.05	.05	.03	.03	.02	.01	.04	.03	.02	.045	23	.23
27	.02	.02	.02	.01	.01	.05	.12	.08	.06	.04	.03	.03	.02	.02		.06	.07	.06	.04	.04	.04	.03	.05	.02	.041	23	.14
28	.01	.01	.01	.01	.03	.03	.08	.07	.05	.05	.03	.03	.04	.03		.05	.06	.03	.03	.04	.03	.06	.02	.02	.035	23	.14
29	.02	.02	.02	.02	.03	.03	.11	.10	.07	.04	.03	.02	.02	.02		.05	.06	.02	.03	.02	.03	.02	.04	.03	.035	23	.15
30*	.04	.03	.02	.01	.02	.03	.04	.04	.03	.03	.02	.01	.02	.01		.02	.01	.01	.01	.02	.02	.01	.02	.04	.021	23	.07
31*	.06	.07	.05	.04	.01	.01	.01	.01	.01	.02	.03	.02	.02	.01			.01	.01	.01	.01	.01	.01	.01	.01	.020	22	.08
MEAN	.02	.02	.02	.01	.02	.04	.08	.07	.05	.03	.03	.02	.02	.02		.04	.04	.02	.02	.02	.02	.02	.03	.02	.030		
NO.	30	30	30	30	30	30	30	30	30	30	30	28	28	30		26	30	30	30	30	30	30	30	30		682	
MAX.	.06	.08	.08	.05	.04	.17	.29	.17	.11	.07	.06	.06	.06	.07		.10	.10	.06	.06	.04	.05	.06	.12	.11	.066		.41

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-270

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
JUNE 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01	.01	.01	.01	.02	.07	.21	.11	.06	.04	.03	.03	.03		.03	.02	.02	.01	.01	.01	.01	.02	.02	.02	.034	23	.26
2	.01	.01	.01	.01	.01	.02	.05	.06	.03	.02	.02	.02	.01	.01		.02	.04	.02	.01	.01	.02	.04	.03	.01	.021	23	.09
3	.01	.02	.02	.01	.02	.05	.11	.10	.04	.02	.02	.02	.02	.02		.02	.02	.01	.01	.02	.05	.07	.07	.04	.035	23	.16
4	.05	.04	.05	.06	.03	.08	.13	.14	.08	.08	.06	.05					.11	.04	.03	.03	.04	.05	.05	.02	.060	20	.18
5	.03	.01	.01	.01	.01	.04	.07	.09	.06	.05	.05	.05	.04	.06		.17	.16	.05	.04	.05	.06	.06	.10	.05	.058	23	.22
6*	.03	.02	.03	.02	.04	.04	.07	.07	.07	.04	.04	.03	.02	.01		.02	.02	.02	.01	.01	.03	.02	.04	.03	.031	23	.09
7*	.06	.04	.03	.01	.03	.02	.03	.04	.03	.02	.02	.01	.02	.01		.03	.02	.02	.02	.03	.04	.04	.04	.05	.028	23	.06
8	.03	.01	.01	.01	.01	.07	.14	.07	.04	.03	.03	.01	.01	.01		.04	.04	.02	.01	.01	.01	.01	.02	.01	.028	23	.19
9	.02	.02	.01	.01	.03	.04	.08	.09	.05	.05	.04	.03	.02	.02		.05	.04	.01	.02	.02	.03	.03	.03	.02	.033	23	.13
10	.01	.00	.00	.00	.00	.01	.06	.05	.04	.02	.01	.01	.01	.00		.01	.02	.01	.01	.01	.01	.02	.01	.04	.015	23	.09
11	.03	.01	.01	.01	.00	.03	.10	.10	.05	.03	.02	.02	.02	.01			.06	.02	.01	.01	.01	.02	.02	.02	.027	22	.18
12	.01	.02	.04	.05	.05	.03	.11	.11	.06	.04	.02	.01	.01	.02		.12	.04	.01	.02	.01	.00	.00	.02	.07	.038	23	.17
13*	.05	.05	.05	.05	.03	.05	.06	.07	.05	.07	.06	.10	.08	.02		.02	.05	.07	.01	.00	.01	.02	.02	.01	.042	23	.13
14*	.02	.02	.01	.04	.05	.07	.06	.03	.02	.02	.01	.01	.01	.01		.02	.03	.03	.02	.01	.02	.03	.04	.02	.026	23	.09
15	.01	.01	.02	.01	.02	.03	.06	.07	.03	.03	.02	.01	.01	.01		.01	.01	.01	.01	.01	.02	.03	.01	.01	.019	23	.12
16	.02	.01	.01	.01	.01	.03	.07	.09	.05	.04	.03	.02	.01	.01		.04	.06	.02	.02	.01	.03	.03	.02	.02	.028	23	.12
17	.02	.02	.01	.00	.02	.03	.09	.06	.06	.04	.04	.04	.03	.03		.08	.06	.03	.02	.02	.01	.01	.01	.01	.031	23	.13
18	.01	.01	.01	.01	.02	.07	.10	.09	.06	.05	.05	.03	.04	.03		.09	.07	.03	.06	.06	.06	.05	.04	.03	.046	23	.14
19	.04	.03	.03	.03	.04	.06	.08	.10	.05	.04	.03	.03	.03	.02		.06	.07	.03	.02	.02	.03	.04	.06	.04	.041	23	.12
20*	.02	.03	.03	.02	.02	.02	.03	.04	.04	.02	.03	.03	.02	.02		.04	.03	.03	.03	.02	.02	.02	.03	.04	.027	23	.06
21*	.04	.04	.03	.03	.02	.01	.02	.03	.03	.04	.04	.02	.02	.03					.03	.04	.05	.05	.05	.04	.027	14	.08
22											.01	.01	.01	.00		.05	.05	.04	.01	.01	.01	.00	.01	.02	.032	13	.06
23	.03	.02	.02	.02	.03	.04			.03	.02	.02	.01	.01	.01		.03	.02	.01	.01	.01	.01	.00	.01	.03	.017	21	.05
24	.01	.00	.00	.01	.00	.01	.02		.03	.02	.02	.01	.01	.02		.02	.02	.01	.02	.01	.02	.01	.02	.02	.014	22	.06
25	.02	.02	.02	.01	.02	.07	.13	.12	.03	.02	.02	.02	.02	.01			.04	.01	.02	.02	.03	.05	.05	.02	.033	22	.18
26	.02	.01	.01	.01	.01	.07	.14	.07	.03	.02	.02	.01	.01	.01			.04	.02	.01	.01	.02	.02	.02	.04	.029	22	.18
27*	.04	.04	.01	.00	.03	.05	.08	.06	.02	.02	.02	.02	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.022	23	.10
28*	.02	.02	.01	.01	.02	.04	.03	.03	.02	.01	.01	.01	.01	.01		.01	.01	.02	.02	.03	.05	.05	.04	.03	.022	23	.07
29	.03	.03	.03	.03	.03	.09	.17	.16	.10	.09	.08	.07	.08	.08					.03	.04	.02	.05	.03	.03	.064	20	.21
30	.03	.02	.02	.02	.02	.03	.09	.07	.06	.03	.01	.01	.02	.01			.03	.02	.02	.01	.01	.01	.01	.00	.025	22	.11
MEAN	.02	.02	.02	.02	.02	.04	.08	.08	.04	.04	.03	.02	.02	.02		.04	.04	.02	.02	.02	.02	.03	.03	.03	.032		
NO.	29	29	29	29	29	29	28	27	29	29	30	30	29	28	1	23	28	28	29	29	29	29	29	29		658	
MAX.	.06	.05	.05	.06	.05	.09	.21	.16	.10	.09	.08	.10	.08	.08	.03	.17	.16	.07	.06	.06	.06	.07	.10	.07	.064		.26

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-271.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.00	.00	.00	.00	.01	.02	.05	.05	.03	.02	.02	.02	.02	.01		.02	.01	.00	.00	.01	.01	.02	.02	.03	.015	23	.06
2	.01	.01	.01	.00	.00	.00	.01		.01	.01	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	22	.02
3	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.03
4*	.00	.00	.00	.00	.00	.01			.01	.01	.01	.01	.01	.01		.00	.00	.00	.00	.00	.01	.03	.01	.01	.006	21	.04
5*																											
6																											
7	.01	.01	.00	.00	.01	.04			.03	.02	.02	.01	.01	.02		.01	.01	.00	.00	.00	.01	.01	.01	.01	.011	21	.06
8	.00	.00	.01	.02	.01	.02	.06	.05	.03	.04	.04	.02	.02			.10	.10	.05	.09	.03	.03	.06	.11	.08	.041	22	.15
9	.07	.04	.04	.02	.03	.07	.06	.06	.02	.01	.01	.01	.01	.01			.04	.01	.02	.02	.06	.05	.07	.05	.035	22	.11
10	.02	.01	.01	.01	.01	.03	.11	.13	.05	.05	.04	.02	.02	.02			.02	.01	.01	.02	.02	.03	.03	.04	.033	22	.18
11*	.03	.02	.01	.02	.02	.03	.04	.04	.04	.03	.03	.02	.02	.02		.03	.04	.03	.03	.03	.02	.02	.01	.01	.024	23	.06
12*	.01	.00	.00	.00	.00	.01	.00	.00	.01	.01	.01	.01	.01	.01		.01	.01	.01	.00	.00	.00	.00	.00	.00	.005	23	.02
13	.00	.00	.00	.00	.00	.01	.03		.01	.01	.01	.01	.00	.00		.03			.01	.03	.03	.02	.03	.02	.013	20	.06
14	.01	.00	.00	.00	.02	.04	.09	.08	.04	.03	.03	.02	.02	.02		.04	.05	.03	.02	.03	.03	.04	.04	.06	.031	23	.12
15	.06	.03	.01	.01	.01	.04	.08	.07	.04	.05	.03	.03	.02	.01		.05	.05	.02	.01	.01	.01	.02	.03	.02	.031	23	.11
16	.01	.01	.01	.00	.01	.03	.08	.08	.05	.06	.03	.02	.01	.01			.04	.01	.01	.02	.02	.01	.02	.03	.026	22	.12
17	.02	.01	.01	.02	.02	.05	.11	.10	.05	.03	.02	.02	.01	.02		.03	.05	.02	.02	.02	.04	.03	.03	.07	.035	23	.14
18*	.06	.02	.01	.01	.02	.01	.03	.03	.01	.01	.01	.01	.00	.00		.00	.03	.02	.02	.03	.04	.05	.04	.06	.022	23	.09
19*	.03	.03	.02	.02	.04	.04	.04	.03	.02	.02	.03	.01	.01	.01		.00	.00	.00	.01	.01	.01	.01	.01	.00	.016	23	.05
20	.00	.01	.00	.00	.01	.03	.07	.08	.03	.03	.02	.01	.01	.02			.03	.01	.01	.01	.01	.02	.01	.02	.020	22	.11
21	.03	.03	.01	.02	.01	.04	.11	.09	.05	.01	.02	.03	.01	.03		.05	.03	.02	.02	.01	.01	.01	.02	.02	.028	23	.15
22	.01	.01	.03	.01	.01	.02	.10	.06	.04	.03	.03	.02	.02	.01		.05	.05	.02	.01	.01	.01	.02	.02	.01	.025	23	.13
23	.01	.02	.01	.02	.02	.08	.10	.09	.03	.02	.02	.01	.01	.01		.03	.04	.01	.01	.00	.01	.03	.03	.02	.027	23	.13
24	.01	.01	.02	.03	.03	.06	.08	.05	.02	.02	.02	.01	.01	.01		.03	.03	.01	.01	.01	.01	.01	.01	.01	.022	23	.10
25*	.01	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01		.02	.01	.01	.01	.01	.01	.01	.01	.01	.017	23	.06
26*	.01	.00	.00	.00	.01	.01	.01	.02	.02	.01	.01	.01	.01	.00		.00	.00	.01	.01	.01	.02	.02	.02	.01	.009	23	.04
27	.00	.01	.01	.01	.01	.03	.06	.07	.04	.03	.02	.01	.01	.01		.05	.05	.02	.02	.02	.03	.02	.02	.02	.028	23	.09
28	.02	.03	.02	.02	.02	.04	.11	.09	.04	.04	.03	.03	.02	.03					.02	.01	.01	.01	.01	.01	.030	20	.13
29	.01	.00	.00	.01	.01	.01	.03	.04	.03	.03	.01	.01	.01	.01			.02	.01	.01	.01	.01	.01	.01	.00	.013	22	.06
30	.01	.00	.00	.01	.01	.03	.07	.09	.05	.03	.02	.01	.01	.01			.05	.02	.01	.01	.01	.02	.04	.02	.023	22	.11
31	.02	.01	.01	.01	.01	.04	.09	.07	.04	.03	.02			.01		.04	.04	.01	.01	.01	.01	.01	.01	.01	.023	21	.12
MEAN	.02	.01	.01	.01	.01	.03	.06	.06	.03	.02	.02	.01	.01	.01		.03	.03	.01	.01	.01	.02	.02	.02	.02	.021		
NO.	29	29	29	29	29	29	27	25	29	29	29	28	28	28		22	27	27	29	29	29	29	29	29		647	
MAX.	.07	.04	.04	.03	.04	.08	.11	.13	.05	.06	.04	.03	.02	.03		.10	.10	.05	.05	.03	.06	.06	.11	.08	.041		.18

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 9, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-272.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
AUG. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	.01	.01	.01	.00	.00	.01	.02	.03	.03	.03	.01	.01	.01	.00		.01	.01	.00	.00	.02	.02	.02	.02	.01	.012	23	.04
2*																											
3																											
4																											
5																											
6	.00	.00	.00	.00	.00	.00	.00	.02	.01							.03	.06	.01	.01	.02	.03	.02	.02	.02	.014	18	.10
7	.01	.00	.01	.01	.02	.05	.10	.08	.04	.02	.01	.01	.00	.00		.00	.01	.01	.00	.00	.00	.01	.01	.02	.017	23	.12
8*	.01	.01	.00	.00	.00	.00	.03	.05	.03	.03	.01	.01	.00	.00		.00	.00	.01	.00	.01	.01	.03	.06	.04	.015	23	.10
9*	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00		.00	.00	.00	.00	.01	.01	.01	.01	.01	.004	23	.02
10	.00	.00	.00	.00	.00	.01	.10	.07	.04	.04	.02	.02	.01	.01		.05	.05	.03	.02	.02	.02	.03	.03	.04	.026	23	.13
11	.03	.04	.02	.01	.01	.03	.07	.05	.02	.01	.01	.01	.00	.00		.01	.00	.00	.00	.00	.00	.00	.00	.00	.014	23	.10
12	.00	.00	.00	.00	.00	.00	.01	.03	.01	.01	.02	.02	.01	.00		.00	.01	.00	.00	.00	.00	.03	.03	.03	.009	23	.08
13	.01	.02	.01	.01	.02	.02	.06	.03	.01	.01	.01	.01	.00	.01			.02	.02	.01	.01	.02	.01	.01	.04	.016	22	.07
14	.01	.01	.01	.00	.00	.04	.10	.08	.07	.05	.04	.04	.04	.03		.09	.06	.02	.01	.01	.02	.05	.10	.07	.043	23	.14
15*	.01	.01	.03	.02	.01	.01	.02	.03	.03	.02	.02	.04	.02	.01		.01	.01	.01	.01	.00	.00	.01	.02	.06	.018	23	.11
16*	.09	.06	.04	.05	.03	.03	.03	.04	.01	.01	.01	.01	.00	.01		.01	.01	.00	.00	.00	.00	.05	.09	.05	.027	23	.12
17	.05	.11	.10	.02	.01	.02	.04	.05	.02	.02	.01	.00	.00	.00		.00	.01	.00	.00	.00	.01	.01	.01	.00	.021	23	.16
18	.00	.00	.00	.00	.00	.01	.05	.05	.02	.03	.03	.06	.06	.01		.03	.03	.01	.01	.01	.01	.01	.05	.04	.021	23	.10
19	.01	.01	.01	.01	.01	.04	.08	.04	.02	.02	.01	.00	.00	.00		.02	.03	.01	.00	.01	.02	.02	.01	.01	.017	23	.10
20	.01	.01	.00	.00	.00	.01	.04	.03	.01	.00				.01	.02	.05	.07	.02	.01	.00	.01	.01	.00	.00	.014	21	.09
21	.00	.00	.00	.00	.00	.02	.04	.05	.03	.02	.03	.02	.02	.01		.03	.06	.04	.04	.04	.04	.03	.03	.03	.026	23	.09
22*	.02	.02	.02	.01	.02	.03	.06	.07	.05	.04	.03	.03	.03	.03		.03	.03	.02	.02	.02	.02	.02	.02	.02	.029	23	.09
23*	.02	.02	.01	.01	.01	.01	.01	.01	.02		.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.03	.02	.07	.011	22	.09
24																											
25																											
26																											
27	.01	.01	.01	.01	.01	.03	.07	.08	.06	.04	.03	.02	.02	.02		.03	.06	.03	.02	.02	.02	.02	.01	.01	.028	23	.10
28	.01	.01	.01	.01	.00	.02	.06	.09	.04	.01	.00	.01	.01	.01		.01	.03	.00	.02	.03	.02	.03	.05	.06	.023	23	.10
29*	.05	.04	.06	.04	.03	.04	.06	.03	.03	.01	.01	.02	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.023	23	.09
30*	.01	.01	.01	.01	.00	.00	.01	.03	.03	.01	.01	.01	.01	.01		.01	.02	.01	.01	.03	.02	.06	.06	.04	.018	23	.09
31	.01	.01	.02	.01	.02	.05	.12	.08	.07	.03	.02	.02	.03	.02		.02	.01	.01	.01	.02	.04	.03	.04	.02	.030	23	.16
MEAN	.02	.02	.01	.01	.01	.02	.05	.05	.03	.02	.02	.02	.01	.01	1	.02	.02	.01	.01	.01	.02	.02	.03	.03	.020		
NO.	24	24	24	24	24	24	24	24	24	22	22	22	22	23	.02	23	24	24	24	24	24	24	24	24		543	
MAX.	.09	.11	.10	.05	.03	.05	.12	.10	.08	.07	.05	.06	.06	.03		.09	.07	.04	.04	.04	.04	.06	.10	.07	.043		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-273.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1	.02	.03	.01	.01	.01	.03	.08	.08	.06	.03	.08	.10	.09	.07		.05	.04	.02	.01	.01	.01	.01	.02	.01	.037	23	.23
2	.01	.00	.00	.00	.00	.03	.08	.06	.05	.03	.01	.01	.01	.01		.02	.05	.01	.01	.01	.01	.02	.01	.02	.020	23	.11
3	.02	.02	.01	.02	.02	.05	.11	.09	.06	.04	.03	.02						.01	.00	.00	.01	.01	.02	.02	.029	19	.13
4	.00	.01	.00	.00	.00	.01	.02	.02	.01	.00	.00	.00	.00	.01		.01	.01	.02	.01	.01	.01	.01	.01	.02	.008	23	.04
5*	.02	.01	.00	.00	.00	.00	.01		.04	.02	.01	.01	.01	.01		.00	.01	.01	.02	.02	.02	.03	.04	.04	.015	22	.07
6*	.05	.03	.02	.01	.01	.01	.01	.02	.02	.01	.01	.01	.00	.00		.01	.01	.01	.01	.01	.01	.02	.00	.02	.014	23	.09
7	.01	.00	.00	.00	.00	.01	.01	.02	.03	.04	.01	.00	.00	.00		.00	.01	.00	.01	.02	.01	.01	.01	.02	.010	23	.05
8	.02	.01	.00	.00	.00	.05	.12	.09	.06	.02	.01	.01	.01	.01		.05	.05	.02	.01	.01	.02	.02	.01	.02	.026	23	.15
9	.03	.02	.00	.00	.01	.05	.14	.06	.03	.01	.01	.01	.01	.00		.03	.05	.00	.00	.01	.01	.02	.01	.03	.023	23	.17
10	.02	.01	.00	.01	.01	.05	.11	.09	.04	.02	.01	.01	.00	.00					.00	.01	.01	.00	.00	.00	.020	20	.14
11	.00	.00	.00	.00	.00	.00	.03	.04	.04	.02	.02	.02	.02	.02		.06	.08	.03	.04	.02	.02	.05	.03	.01	.024	23	.12
12*	.01	.01	.01	.01	.01	.01	.03	.06	.05	.02	.01	.01	.00	.00		.00	.00	.00	.00	.00	.00	.02	.02	.04	.014	23	.09
13*	.01	.01	.00	.00	.00	.00	.01	.03	.03	.01	.00	.00	.00	.00		.00	.00	.00	.00	.01	.03	.03	.04	.01	.009	23	.05
14	.03	.03	.05	.06	.04	.06	.18	.16	.12	.09	.05	.02	.02	.01		.05	.09	.02	.02	.02	.03	.02	.03	.03	.052	23	.25
15	.03	.03	.01	.01	.02	.05	.12	.12	.13	.07	.05	.02	.01	.00		.04	.05	.00	.01	.01	.05	.03	.02	.00	.037	23	.18
16	.00	.00	.00	.00	.01	.04	.08	.12	.08	.08	.08	.06	.04	.04		.05	.07	.01	.02	.02	.01	.02	.03	.02	.037	23	.14
17	.02	.02	.01	.00	.01	.03	.11	.15	.07			.04	.04	.03			.08	.02	.01	.00	.00	.00	.00	.00	.030	20	.17
18	.00	.00	.00	.00	.00	.01	.05	.06	.07	.05	.04	.01	.00				.10	.05	.04	.03	.01	.04	.06	.06	.033	21	.13
19*	.07	.05	.04	.06	.02	.08	.13	.15	.07	.03	.02	.02	.02	.01		.02	.01	.02	.02	.03	.04	.04	.02	.02	.042	25	.24
20*	.02	.02	.02	.01	.01	.01	.02	.03		.03	.02	.01	.01	.01		.02	.01	.02	.02	.03	.03	.05	.04	.02	.021	22	.08
21	.01	.01	.01	.01	.01	.01	.11	.14	.06	.08	.06	.08	.05	.04		.11	.14	.07	.05	.03	.03	.03	.05	.05	.054	23	.18
22	.04	.04	.02	.01	.02	.02	.04	.10	.06	.03	.02	.03	.02	.02		.09	.11	.06	.07	.06	.06	.04	.02	.03	.043	23	.17
23	.01			.00	.00	.01	.02	.06	.07	.03	.02	.02	.02	.02		.03	.02	.01	.01	.01	.01	.02	.03	.02	.021	21	.08
24	.01	.01	.02	.01	.00	.01	.05			.02	.02	.01	.01	.01			.02	.01	.01	.02	.06	.06	.11	.11	.028	20	.13
25	.09	.06	.05	.05	.05	.11	.26			.09	.06	.05	.05	.05		.11	.12	.06	.05	.03	.02	.02	.02	.02	.067	21	.33
26*	.01	.01	.01	.01	.01	.01	.03	.05	.04	.05	.05	.05	.05	.05		.05	.05	.04	.03	.03	.02	.02	.03	.03	.031	23	.08
27*	.02	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.02				.03	.03	.05	.07	.06	.03	.04	.021	21	.09
28	.04	.02	.03	.03	.04	.09	.24	.21	.12	.09	.07	.05								.05	.05	.04	.04	.04	.074	17	.28
29	.05	.10	.16	.14	.12	.18	.33	.32	.16	.06	.02	.04	.03	.01		.03	.04	.02	.01	.02	.03	.06	.05	.02	.087	23	.40
30	.01	.01	.01	.01	.01	.02	.09	.12	.10	.05	.07	.02	.02	.02		.01	.02	.01	.00	.00	.00	.01	.01	.01	.028	23	.18
MEAN	.02	.02	.02	.02	.01	.03	.09	.09	.06	.04	.03	.02	.02	.02		.04	.05	.02	.02	.02	.02	.03	.03	.03	.031		
NO.	30	29	29	30	30	30	30	27	27	29	29	30	28	27		23	26	28	29	30	30	30	30	30		661	
MAX.	.09	.10	.16	.14	.12	.18	.33	.32	.16	.09	.08	.10	.09	.07		.11	.14	.07	.07	.06	.07	.06	.11	.11	.087		.40

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-274.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
OCT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01	.01	.00	.00	.00	.01	.05	.07	.04	.02	.02	.02	.01	.01				.00	.00	.01	.02	.02	.02	.02	.017	21	.08
2	.02	.05	.03	.02	.01	.02	.05	.06	.02	.02	.01	.01	.00	.00		.00	.01	.01	.01	.03	.03	.02	.02	.09	.023	23	.14
3*	.16	.13	.15	.19	.14	.13	.17	.12	.07	.03	.02	.02	.01	.01		.02	.03	.04	.03	.02	.05	.08	.08	.01	.073	23	.20
4*	.00	.00	.00	.00	.00	.00	.00	.01	.02	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.001	22	.04
5	.00	.00	.00	.00	.00	.00	.01	.03	.03	.02	.03	.02	.02	.01		.02	.02	.02	.02	.02	.03	.04	.05	.06	.019	23	.06
6	.06	.04	.04	.04	.03	.03	.08	.10	.08	.06	.02	.01	.01	.01		.01	.01	.01	.03	.05	.06	.06	.04	.03	.039	23	.10
7	.03	.02	.02	.02	.02	.04	.09	.13	.10							.10	.12	.04	.02	.02	.02	.02	.02	.02	.047	18	.15
8	.01	.02	.01	.02	.02	.05	.12	.06	.03	.02	.02	.02	.01	.02		.02	.02	.01	.01	.01	.01	.01	.00	.00	.023	23	.15
9	.00	.00	.00	.00	.00	.01	.03	.05	.04	.02	.02	.01	.02	.01		.02	.02	.01	.02	.04	.04	.04	.06	.06	.022	23	.08
10*	.04	.04	.04	.04	.02	.04	.04	.08	.10	.07	.03	.02	.01	.01		.01	.01	.02	.03	.05	.03	.02	.03	.03	.035	23	.13
11*	.03	.02	.01	.03	.01	.01	.02	.02	.03	.02	.02	.01	.01	.01		.02	.02	.02	.04	.06	.04	.06	.04	.02	.024	23	.08
12	.02	.01	.02	.04	.08	.11	.09	.06	.04	.04	.02	.01	.02	.02			.01	.01	.01	.01	.01	.01	.01	.01	.029	22	.13
13	.01	.02	.02	.03	.02	.05	.12	.10	.08	.07	.04	.02	.02	.02		.05	.03	.03	.02	.02	.06	.08	.06	.06	.047	23	.18
14	.02	.01	.01	.01	.02	.06	.18	.29	.16	.11	.05	.02	.03	.01		.01	.02	.02	.01	.02	.04	.04	.04	.04	.053	23	.32
15	.04	.01	.02	.01	.02	.04	.13	.25	.17	.12	.06	.03	.01				.03	.01	.01	.02	.07	.13	.10	.09	.065	21	.34
16	.06	.03	.13	.03	.02	.03	.20	.75	.38	.22	.04	.03	.02	.02		.01	.04	.01	.07	.22	.23	.31	.20	.07	.135	23	.84
17*	.07	.08	.09	.05	.05	.04	.05	.10	.08	.06	.03	.02	.02	.01		.02	.03	.02	.03	.03	.01	.02	.05	.04	.043	23	.12
18*	.01	.02	.03	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00		.01	.01	.01	.03	.04	.03	.02	.03	.01	.010	23	.05
19	.00	.00	.00	.00	.00	.00	.03	.06	.06	.04	.02	.01	.01	.01		.01	.02	.02	.01	.01	.01	.00	.01	.00	.014	23	.10
20	.00	.00	.00	.00	.01	.02	.08	.15	.13	.06	.03	.02	.03	.03		.07	.14	.10	.05	.08	.08	.07	.08	.06	.056	23	.16
21	.04	.02	.01	.00	.01	.01	.04	.07	.04	.05	.03	.01	.01	.01		.01	.01	.01	.01	.02	.02	.03	.04	.03	.022	23	.08
22	.03	.02	.03	.03	.03	.03	.10	.18	.09	.07	.05		.02	.02			.07	.03	.04	.05	.09	.06	.09	.11	.058	21	.21
23	.08	.07	.06	.04	.03	.05	.12	.12	.11	.08	.05	.03	.02	.03		.07	.08	.06	.06	.11	.17	.14	.13	.08	.077	23	.19
24*	.07	.07	.05	.03	.03	.06	.14	.17	.12	.08	.05	.04	.03	.02		.04	.03	.05	.05	.06	.05	.06	.06	.03	.059	23	.20
25*	.03	.04	.03	.03	.02	.02	.02	.04	.04	.03	.03	.03	.02	.01		.01	.02	.03	.03	.02	.03	.02	.03	.03	.025	23	.06
26	.02	.01	.01	.01	.01	.01	.05	.15	.17	.10	.06	.03	.03	.03		.05	.10	.14	.03	.04	.04	.04	.02	.02	.049	23	.23
27	.01	.00	.00	.00	.00	.01	.02	.09	.10	.07	.07	.09	.06	.04		.05	.11	.25	.13	.06	.06	.05	.04	.03	.058	23	.33
28	.03	.04	.02	.01	.02	.01	.02	.05	.06	.06	.03	.02	.02	.02		.02	.03	.07	.10	.11	.16	.13	.10	.16	.055	23	.18
29	.17	.12	.11	.04	.03	.01	.01	.04	.05	.05	.04						.05	.10	.09	.06	.04	.04	.06	.04	.061	19	.21
30	.02	.03	.03	.01	.02	.02	.07	.16	.21	.07	.04	.05	.04	.03		.04	.10	.21	.13	.12	.12	.08	.06	.10	.075	23	.26
31*	.09	.06	.03	.03	.03	.05	.05	.08	.08	.04	.03	.02	.02	.01			.03	.06	.09	.05	.06	.06	.07	.09	.051	22	.14
MEAN	.04	.03	.03	.02	.02	.03	.07	.12	.09	.06	.03	.02	.02	.01		.03	.04	.04	.04	.05	.05	.06	.05	.05	.044		
NO.	31	31	31	31	31	31	31	31	31	30	30	28	29	28		24	30	31	31	31	31	31	31	31		695	
MAX	.17	.13	.15	.19	.14	.13	.20	.75	.38	.22	.07	.09	.06	.04		.10	.14	.25	.13	.22	.23	.31	.20	.16	.135		.84

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-275.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1*	.07	.04	.07	.07	.06	.03	.03	.03	.05	.03	.02	.01	.01	.01		.01	.01	.04	.04	.05	.05	.04	.06	.07	.038	23	.10
2	.06	.04	.02	.01	.02	.02	.07	.17	.18	.10	.08	.05	.05	.04			.09	.17	.05	.02	.04	.03	.03	.03	.062	22	.22
3	.02	.01	.01	.01	.00	.01	.04	.10	.09	.05	.06	.03	.03	.02			.12	.14	.05	.03	.04	.03	.03	.05	.044	22	.19
4	.06	.04	.01	.03	.02	.01	.04	.11	.12	.08	.09	.04	.04	.03		.06	.13	.20	.12	.10	.12	.12	.15	.14	.079	23	.23
5	.10	.01	.01	.01	.01	.01	.03	.09	.07	.08	.09	.04	.02	.01			.07	.10	.05	.06	.09	.06	.05	.07	.050	22	.19
6	.05	.03	.03	.04	.03	.04	.09	.20	.16	.08	.04	.04	.02	.04		.03	.07	.20	.05	.04	.08	.04	.10	.11	.070	23	.26
7*	.08	.04	.02	.02	.03	.04	.04	.08	.09	.05	.06	.03	.02	.01		.02	.02	.02	.05	.03	.04	.02	.02	.04	.037	23	.13
8*	.03	.02	.03	.04	.02	.01	.01	.06	.09	.02	.01	.03	.02	.01		.01	.01	.03	.05	.04	.03	.02	.02	.02	.027	23	.14
9	.03	.01	.01	.01	.01	.02	.05	.13	.16	.10	.08	.05	.03	.04		.06	.10	.19	.11	.05	.04	.03	.03	.04	.059	23	.24
10	.03	.03	.02	.01	.01	.02	.04	.12	.16	.10	.07	.04	.05	.04		.05	.08	.13	.07	.03	.02	.01	.01	.02	.050	23	.18
11	.03	.02	.02	.01	.00	.00	.02	.06	.07	.04	.04	.02	.02	.02		.03	.04	.06	.02	.01	.02	.01	.03	.03	.026	23	.09
12	.01	.01	.00	.00	.01	.01	.02	.05	.05	.03	.02	.01	.01	.01			.07	.09	.04	.05	.04	.03	.03	.03	.027	22	.13
13	.02	.01	.02	.01	.02	.02	.04	.12	.12	.08	.08	.06	.04	.03		.04	.12	.15	.09	.04	.03	.02	.04	.04	.053	23	.20
14*	.04	.03	.03	.02	.02	.02	.03	.07	.08	.07	.05	.03	.02	.01			.03	.05	.04	.04	.05	.02	.03	.06	.037	22	.10
15*	.02	.02	.02	.01	.01	.00	.01	.02	.01	.02	.01	.02	.02	.03		.04	.04	.05	.04	.05	.04	.03	.04	.02	.023	23	.06
16	.01	.00	.00	.01	.01	.02	.03	.04	.05	.04	.04	.04	.03	.03		.04	.07	.07	.04	.03	.03	.04	.03	.02	.031	23	.10
17	.01	.01	.01	.01	.01	.01	.04	.11	.11	.07	.07	.11	.12	.08		.05	.06	.10	.05	.03	.04	.02	.02	.02	.050	23	.17
18	.01	.00	.00	.00	.00	.00	.01	.05	.07	.05	.07	.06	.06	.05		.04	.08	.10	.03	.03	.02	.02	.01	.02	.034	23	.14
19	.01	.01	.01	.02	.00	.01	.03	.11	.09	.05	.03	.02	.00	.01			.01	.01	.01	.01	.01	.02	.02	.02	.022	22	.14
20	.01	.01	.01	.01	.01	.01	.03	.09	.10	.06	.05	.04	.02	.02		.01	.01	.02	.01	.01	.01	.00	.00	.01	.022	23	.14
21*	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02	.02	.01		.02	.02	.02	.03	.04	.05	.03	.06	.05	.018	23	.09
22*	.05	.06	.05	.03	.03	.03	.03	.04	.05	.04	.04	.04	.04	.04		.06	.05	.07	.05	.05	.05	.05	.06	.07	.046	23	.09
23	.05	.05	.04	.04	.03	.06	.15	.23	.16	.15	.16	.12	.10	.08		.08	.17	.20	.11	.10	.08	.11	.06	.08	.105	23	.25
24	.07	.06	.08	.07	.04	.05	.10	.22	.25	.20	.13	.10	.08	.05		.08	.16	.26	.14	.10	.10	.08	.08	.13	.114	23	.32
25	.10	.11	.09	.11	.07	.07	.10	.18	.20	.18	.09	.03	.01	.02		.03	.07	.26	.20	.12	.07	.09	.09	.07	.101	23	.32
26	.07	.06	.05	.04	.03	.02	.01	.01	.02	.02	.02	.01	.01	.01		.02	.04	.03	.07	.06	.04	.03	.03	.04	.031	23	.08
27	.02	.02	.01	.00	.00	.00	.02	.10	.09	.07	.07	.09	.07	.09		.11	.11	.14	.07	.05	.05	.03	.04	.06	.055	23	.17
28*	.04	.05	.03	.03	.02	.02	.02	.02	.02	.03	.04	.03	.04	.03		.01	.02	.02	.03	.03	.04	.03	.03	.02	.028	23	.06
29*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03		.02	.02	.02	.01	.01	.01	.01	.01	.00	.019	23	.04
30	.01	.00	.00	.00	.00	.00	.01	.03	.04	.04	.04	.04	.04	.04			.13	.22	.12	.09	.09	.08	.05	.05	.090	22	.29
MEAN	.04	.03	.02	.02	.02	.02	.04	.09	.09	.06	.05	.04	.04	.03		.04	.07	.10	.06	.05	.05	.04	.04	.05	.047		
NO.	30	30	30	30	30	30	30	30	30	30	30	30	30	30		23	30	30	30	30	30	30	30	30		683	
MAX.	.10	.11	.09	.11	.07	.07	.15	.23	.25	.20	.16	.12	.12	.09		.11	.17	.26	.20	.12	.12	.12	.15	.14	.114		.32

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-276.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
DEC. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.04	.03	.02	.02	.02	.02	.04	.07	.09	.06	.06	.06	.06	.06			.09	.20	.11	.06	.06	.05	.06	.08	.060	22	.24
2	.06	.03	.03	.03	.03	.03	.06	.17	.18	.13	.12	.11	.10	.10		.10	.14	.13	.12	.09	.07	.03	.04	.04	.084	23	.22
3	.03	.03	.03	.03	.03	.03	.06	.10	.10	.11	.11	.12	.11							.04	.03	.03	.03	.04	.059	18	.13
4	.03	.02	.02	.01	.01	.02	.02	.05	.07	.05	.05	.04	.04	.05		.04	.04	.05	.03	.02	.02	.01	.01	.02	.031	23	.08
5*	.01	.01	.01	.01	.01	.00	.00	.01	.01	.02	.02	.02	.03	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.015	23	.03
6*	.01	.02	.02	.01	.02	.02	.02	.03	.04	.04	.03	.02	.03	.03		.02	.03	.04	.06	.04	.02	.04	.05	.04	.028	23	.08
7	.04	.03	.03	.02	.01	.02	.04	.11	.14	.09	.08	.09	.06	.06	.04	.05	.08	.10	.09	.10	.09	.09	.11	.08	.068	24	.17
8	.06	.04	.03	.02	.02	.03	.05	.12	.13	.05	.03	.02	.02	.01		.04	.06	.10	.07	.05	.04	.04	.05	.05	.048	23	.19
9	.05	.02	.01	.01	.01	.01	.02	.04	.08	.07	.07	.05	.04	.05	.04	.06	.08	.13	.07	.07	.05	.04	.04	.05	.047	24	.15
10	.04	.03	.02	.02	.02	.02	.04	.09	.10	.07	.06	.06	.05	.05		.05	.06	.09	.04	.03	.03	.03	.03	.04	.046	23	.15
11	.03	.02	.02	.01	.01	.00	.02	.05	.07	.06	.05	.04	.03	.03		.02	.04	.11	.10	.18	.21	.13	.26	.32	.078	23	.37
12*	.21	.09	.07	.06	.04	.05	.02	.05	.06	.05	.04	.03	.02	.01		.01	.04	.04	.05	.04	.02	.02	.03	.02	.045	23	.30
13*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.03	.09	.10	.09	.07	.08	.07	.03	.025	22	.11
14	.02	.01	.01	.01	.01	.01	.03	.05	.08	.05	.05	.03	.02	.02		.03	.03	.04	.02	.02	.02	.02	.02	.02	.027	23	.09
15	.02	.02	.01	.02	.02	.04	.07	.13	.15	.10	.10	.09	.07	.08		.07	.11	.10	.06	.05	.05	.06	.06	.07	.067	23	.21
16	.05	.06	.05	.05	.02	.02	.03	.10	.15	.08	.06					.06	.14	.19	.09	.07	.06	.02	.01	.01	.066	20	.22
17	.01	.01	.01	.01	.01	.00	.01	.02	.03	.03	.04	.04	.03	.03		.02	.03	.04	.02	.02	.01	.01	.01	.01	.019	23	.05
18	.01	.01	.00	.00	.00	.00	.01	.02	.06	.04	.06	.07	.09	.06		.12	.18	.25	.12	.11	.09	.09	.08	.09	.067	23	.30
19*	.08	.05	.04	.04	.03	.03	.03	.05	.05	.06	.08	.07	.07	.06		.06	.07	.08	.09	.08	.10	.09	.09	.13	.066	23	.15
20*	.09	.07	.06	.05	.04	.04	.04	.06	.08	.04	.03	.02	.02	.03		.05	.08	.09	.15	.17	.20	.20	.14	.12	.080	23	.23
21	.08	.05	.05	.06	.05	.05	.08	.14	.23	.14	.16	.12	.12	.14		.13	.20	.27	.12	.10	.09	.10	.08	.10	.115	23	.33
22	.08	.04	.04	.03	.03	.02	.05	.13	.11	.09	.12	.12	.14	.10		.10	.12	.22	.16	.10	.09	.07	.10	.09	.092	23	.24
23	.08	.06	.06	.06	.04	.04	.08	.19	.22	.10	.10	.11	.10	.07			.17	.24	.11	.08	.07	.07	.07	.07	.099	22	.26
24	.07	.06	.04	.04	.03	.04	.08	.11	.14	.09	.05	.05	.06	.05		.04	.04	.03	.02	.01	.01	.01	.01	.02	.048	23	.16
25	.02	.02	.01	.02	.02	.01	.01	.02	.02	.02	.02	.03	.04	.06		.04	.04	.05	.04	.03	.02	.01	.01	.01	.024	23	.06
26*	.01	.01	.01	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.02		.03	.02	.02	.02	.03	.07	.04	.02	.04	.017	23	.07
27*	.03	.02	.02	.01	.02	.02	.02	.03	.03	.04	.04	.02	.02	.02			.04	.05	.05	.03	.03	.02	.02	.02	.027	22	.06
28	.01	.01	.01	.00	.00	.01	.02	.07	.09	.06	.07	.09	.08	.08					.07	.07	.05	.06	.05	.04	.047	20	.12
29	.06	.05	.02	.03	.02	.02	.04	.13	.11	.09	.08	.09	.10	.11		.10	.15	.17	.10	.07	.07	.09	.09	.12	.083	23	.26
30	.06	.04	.06	.04	.01	.01	.02	.03	.04	.04	.05	.04	.04	.04		.03	.04	.06	.10	.08	.07	.06	.07	.09	.047	23	.13
31	.07	.04	.02	.01	.01	.02	.04	.12	.14	.09	.09	.10	.11	.11		.10	.13	.14	.07	.06	.06	.05	.05	.04	.072	23	.18
MEAN	.05	.03	.03	.02	.02	.02	.03	.07	.09	.06	.06	.06	.06	.05		.05	.08	.11	.08	.06	.06	.05	.06	.06	.055		
NO.	31	31	31	31	31	31	31	31	31	31	31	30	30	29	2	25	29	29	30	31	31	31	31	31		700	
MAX.	.21	.09	.07	.06	.05	.05	.08	.19	.23	.14	.16	.12	.14	.14	.04	.13	.20	.27	.16	.18	.21	.20	.26	.32	.115		.37

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-277.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

ST. LOUIS, MISSOURI
NITROGEN DIOXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
MEAN																											
NO																											
MAX																											

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-278.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

ST. LOUIS, MISSOURI
NITROGEN DIOXIDE
FEB. 1964

COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
MEAN																											
NO.																											
MAX.																											

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED

Table 3-279.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
6*																											
7																											
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*	.03	.03	.03	.03	.03	.02	.03	.03	.03	.04	.04						.06	.06	.05	.04	.04	.04	.04	.04	.036	19	.06
20*																											
21																											
22																											
23																											
24																											
25	.01	.01	.00	.01	.01	.01	.02	.05	.06	.09	.09	.08	.10	.09		.03	.03	.03	.01	.01	.00	.00	.00	.00	.032	23	.14
26*	.00	.00	.00	.00	.00	.00	.00			.03	.02	.01	.01	.01		.02	.01	.01	.00	.00	.00	.00	.01	.01	.006	21	.03
27*	.00	.06	.07	.06	.03	.01	.04	.14	.11	.05	.06	.05	.04	.04		.07	.13	.15	.06	.05	.02	.02	.01	.02	.056	29	.24
28	.03	.03	.01	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01		.01	.01	.01	.01	.01	.01	.00	.01	.03	.010	28	.06
29	.06	.03	.03	.02	.02	.03	.02	.01		.01	.01	.01	.01	.01		.01	.01	.00	.00	.00	.01	.01	.00	.00	.013	22	.08
30	.00	.00	.00	.00	.00	.00	.02	.07	.13	.11	.07	.04	.04	.03		.04	.05	.06	.05	.02	.03	.03	.06	.22	.046	28	.25
31	.13	.08	.04	.01	.00	.01	.02	.08	.08	.03	.02	.01	.01	.01		.01	.02	.06	.06	.05	.04	.02	.02	.02	.035	28	.18
MEAN																											
NO.	8	8	8	8	8	8	8	7	6	8	8	7	7	7		7	8	8	8	8	8	8	8	8		177	
MAX.	.13	.08	.07	.06	.03	.03	.04	.14	.13	.11	.09	.08	.10	.09		.07	.13	.15	.06	.05	.04	.04	.06	.22	.056		.25

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-280.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

ST. LOUIS, MO.

NITROGEN DIOXIDE
APRIL 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01	.00	.00	.00	.00	.01				.07	.07	.05	.02	.03		.05	.06	.06	.05	.05	.04	.05	.05	.04	.035	20	.09
2	.04	.04	.04	.03	.02	.03	.04	.05	.04	.04	.03	.03	.03	.03		.04	.04	.04	.03	.04	.03	.04	.04	.03	.035	23	.05
3	.03	.04	.03	.02	.02	.03	.05	.07	.04	.03	.02	.02	.03	.03		.03	.04	.04	.04	.04	.04	.03	.03	.03	.033	23	.09
4*	.03	.02	.02	.02	.01	.02	.02	.02	.02	.02	.03	.03	.03	.03		.03	.04	.03	.03	.04	.03	.03	.03	.03	.025	23	.04
5*	.03	.03	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03		.03	.03	.03	.03	.04	.04	.03	.03	.03	.025	23	.04
6	.03	.04	.04	.04	.03	.03	.03	.04	.03	.03	.04	.02	.03	.04		.05	.06	.05	.05	.06	.06	.04	.06	.06	.041	23	.07
7	.06	.06	.06	.06	.05	.03	.02	.03	.02	.02	.02	.01	.01	.01		.02	.02	.03	.02	.02	.06	.01	.01	.01	.027	23	.07
8	.01	.01	.01	.01	.00	.01	.01	.02	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03	.04	.06	.04	.04	.04	.022	23	.04
9	.04	.04	.04	.04	.04	.04	.04	.04	.03	.04	.03	.03	.03	.03			.04	.05	.04	.06	.06	.06	.05	.04	.041	22	.06
10	.04	.04	.04	.04	.03	.03	.03	.04	.05	.04	.04	.06	.06	.06			.07	.08	.05	.05	.05	.05	.05	.05	.048	22	.09
11*	.04	.04	.03	.03	.04	.03	.04	.04	.04	.04	.04	.04	.04	.03		.03	.04	.04	.03	.04	.04	.04	.04	.04	.037	23	.06
12*	.03	.03	.03	.03	.02	.02	.02	.02	.03	.03	.02	.02	.02			.02	.03	.02	.02	.02	.04	.02	.02	.02	.023	23	.04
13	.02	.02	.02	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03			.03	.04	.05	.04	.04	.05	.05	.05	.05	.031	22	.05
14	.04	.03	.03	.03	.03	.03	.04	.03	.04	.04	.03	.04	.04	.04			.04	.05	.05				.05	.06	.037	16	.06
15	.04	.03	.03	.05	.04	.04	.05	.06	.06	.05	.05	.05	.04	.04									.04	.04	.043	19	.07
16	.04	.04	.03	.04	.06	.06	.05	.05	.06	.06	.05	.04	.04	.05			.05	.08	.08	.05	.05	.05	.05	.06	.051	22	.08
17	.06	.06	.06	.03	.03	.03	.03	.03	.05	.05	.05						.05		.05	.05	.05	.04	.05	.05	.046	17	.06
18*	.05	.05	.05	.04	.05	.05	.05	.04	.05	.05			.04	.04		.05		.05	.05	.05	.05	.05	.05		.048	20	.05
19*		.04	.04				.04	.04	.05	.05	.05	.05	.05				.05	.03	.03	.04	.03	.04	.03	.04	.040	16	.05
20	.04	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03				.02		.04	.04	.05	.05	.05		.034	19	.06
21																											
22																											
23																											
24	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.04		.04	.06	.07	.06	.06	.06	.04	.04	.04	.037	23	.07
25*	.05	.04	.04	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04	.03			.03	.03	.04	.05	.05	.03	.04	.05	.035	22	.06
26*	.04	.04	.03	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02			.03	.03	.02	.03	.02	.03	.02	.02	.024	22	.05
27	.02	.02	.03	.02	.03	.04	.06	.05	.04	.03	.03	.04							.03	.04	.03	.02	.02	.03	.031	18	.06
28	.03	.04	.04	.03	.04	.04	.05	.04	.04	.04	.04	.03	.04	.03			.04	.04	.04	.04	.04	.04	.04	.04	.038	22	.05
29	.03	.01	.01	.01	.01	.02	.03	.04	.04	.04	.02	.03	.02	.03			.04	.03	.02	.03	.03	.03	.03	.04	.026	22	.05
30	.04	.04	.03	.04	.03	.04	.05	.04	.05	.03	.03	.03	.03	.03		.01	.04	.03	.03	.05	.07	.06	.06	.06	.039	23	.07
MEAN	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03			.04	.04	.04	.04	.04	.04	.04	.04	.035		
NO.	26	27	27	26	26	26	26	26	26	27	26	25	25	22		14	23	23	26	25	25	25	27	25		579	
MAX.	.06	.06	.06	.06	.06	.06	.06	.07	.06	.07	.07	.06	.06	.06		.05	.07	.08	.08	.06	.07	.06	.06	.06	.051		.09

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-281.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

ST. LOUIS, MO.

NITROGEN DIOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	.06	.05	.06	.05	.05	.06	.06	.11	.11	.08	.06	.05	.05	.04			.07	.05	.05	.05	.05	.05	.04	.05	.059	22	.13
2*	.04	.04	.03	.03	.03	.03	.04	.04	.05	.05	.05	.04	.03	.02			.03	.03	.03	.03	.04	.03	.03	.04	.035	22	.05
3*	.04	.03	.03	.03	.02	.02	.03	.02	.03	.02	.02	.02	.02	.03			.03	.04	.04	.05	.04	.04	.03	.04	.030	22	.05
4	.03	.03	.03	.02	.03	.04	.04	.04	.04	.04	.05						.07	.05	.05	.04	.03	.03	.03	.03	.038	19	.07
5	.03	.04	.03	.03	.02	.02	.04	.04	.04	.03	.03	.04	.04	.04			.05	.04	.05	.05	.04	.03	.05	.04	.038	22	.06
6	.02	.03	.02	.02	.03	.03	.05	.04	.04	.04	.04	.04	.04	.04		.04	.07	.05	.05	.05	.05	.05	.05	.05	.040	23	.07
7	.05	.05	.04	.03	.03	.04	.05	.05	.05	.05	.04	.05	.04	.05			.05	.05	.03	.03	.04	.04	.04	.04	.042	22	.06
8	.03	.03	.02	.03	.04	.04	.05	.05	.04	.04	.04	.04	.04	.04			.05	.04	.04	.04	.03	.03	.02	.03	.036	22	.05
9*	.02	.02	.01	.03	.02	.02	.03	.04	.03	.03	.03	.02	.03	.02			.03	.03	.04	.05	.06	.07	.07	.06	.034	22	.07
10*	.04	.04	.05	.04	.05	.05	.06	.05	.05	.04	.03	.01	.01	.02			.03	.03	.02	.04	.06	.06	.06	.06	.040	22	.06
11	.04	.04	.04	.04	.04	.05	.05	.06	.06	.05	.04	.04	.04	.04			.05	.04	.03	.03	.04	.03	.03	.02	.041	22	.06
12	.03	.02	.02	.01	.01	.02	.02	.02	.03	.04	.04	.04	.03	.03	.03		.03	.03	.02	.02	.02	.02	.02	.02	.023	23	.05
13	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.02	.02			.05	.04	.03	.03	.03	.02	.03	.03	.023	22	.05
14	.03	.03	.03	.03	.03	.03	.03	.04	.05	.04	.05	.06	.07	.06			.10	.08	.07	.07	.08	.06	.06	.05	.052	22	.12
15	.04	.05	.04	.03	.03	.04	.05	.06	.07	.06	.06	.05	.05	.05			.09	.07	.05	.05	.06	.06	.06	.05	.052	22	.09
16*	.06	.07	.06	.06	.05	.06	.06	.07	.05	.03	.03	.04	.04	.04		.02		.03	.05	.06	.07	.08	.08	.07	.053	22	.09
17*	.07	.07	.07	.06	.06	.06	.06	.04	.04	.02	.01	.01	.03	.02			.04	.06	.06	.06	.05	.05	.05	.07	.047	22	.08
18	.08	.07	.06	.05	.05	.05	.06	.07	.06	.04	.02	.03	.04	.05			.06	.04	.04	.04	.04	.03	.04	.03	.047	22	.09
19																											
20	.03	.03	.05	.05	.04	.05	.06	.08	.08	.09	.13	.05	.03	.03			.07	.05	.04	.03	.04	.05	.06	.06	.054	22	.13
21	.05	.03	.03	.02	.02	.04	.03	.05	.05	.05	.06	.04	.04	.03			.09	.05		.05	.06	.05	.04	.04	.044	21	.11
22	.05	.04	.03	.04	.04	.04	.06	.04	.08	.08							.07	.07	.07	.06	.06	.06	.06	.07	.056	18	.09
23*	.08	.08	.06	.06	.07	.08	.08	.09	.09	.08	.09	.07	.07	.06		.02	.07	.07	.07	.07	.07	.07	.07	.07	.070	23	.10
24*	.07	.08	.07	.07	.08	.04	.02	.05	.07	.06	.07	.04	.04	.03		.01	.02	.02	.02	.02	.04	.06	.06	.06	.047	23	.09
25	.05	.07	.07	.07	.08	.07	.08	.09	.10	.08	.07	.10	.08	.09		.02	.11	.07	.07	.06	.07	.05	.04	.04	.070	23	.15
26	.05	.05	.05	.04	.04	.05	.06	.07	.05	.05	.05	.05	.06	.08			.03	.03	.03	.03	.02	.04	.04	.04	.046	22	.08
27	.03	.03	.04	.02	.02	.03	.04	.04	.04	.04	.04	.04	.04	.05		.07	.08	.08	.07	.06	.06	.06	.05	.04	.046	23	.08
28	.03	.03	.03	.03	.04	.04	.05	.05	.04	.04	.04	.04	.04	.03		.05	.05	.04	.04	.05	.04	.05	.05	.04	.040	23	.06
29	.04	.04	.04	.04	.05	.06	.05	.06	.06	.05	.04	.04	.04	.04		.03	.05	.05	.05	.06	.06	.06	.06	.08	.049	23	.08
30*	.08	.05	.05	.03																					035		
																								WED.	DEC.	4,	1968
MEAN																											
NO.																											
MAX.																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED

Table 3-282.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

ST. LOUIS, MO.

NITROGEN DIOXIDE
JUNE 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.02	.02	.02	.03	.05	.05	.05	.05	.05	.05	.05	.05	.04		.02	.06	.04	.03	.03	.04	.04	.06	.06	.041	23	.07
2	.04	.03	.02	.02	.02	.04	.04	.05	.05	.05	.04	.04	.02	.03		.03	.05	.04	.04	.04	.05	.06	.06	.06	.038	23	.06
3	.03	.04	.05	.04	.05	.06	.06	.06	.08	.07	.03	.03	.03	.03			.03	.05	.05	.04	.07	.09	.08	.08	.051	22	.09
4	.07	.07	.06	.07	.06	.06	.08	.09	.12	.07	.07	.07					.07	.08	.06	.06	.07	.08	.08	.08	.073	20	.12
5	.08	.07	.03	.04	.03	.04	.06	.06	.06	.06	.05	.05	.05	.05		.04	.08	.08		.04	.04	.05	.05	.04	.052	22	.08
6*	.03	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.06	.06	.06		.06	.06	.06	.05	.06	.06	.06	.06	.05	.051	23	.06
7*	.05	.06	.06	.05	.04	.04	.04	.04	.04	.05	.05	.04	.04	.03			.05	.06	.05	.05	.05	.05	.05	.05	.047	22	.06
8	.05	.02	.03	.02	.03	.05	.05	.05	.05	.06	.05	.05	.04	.04			.06	.05	.04	.04	.04	.04	.03	.04	.042	22	.06
9	.03	.04	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04			.05	.04	.03	.03	.03	.03	.03	.03	.039	22	.06
10	.02	.02	.01	.01	.00	.01	.03	.03	.03	.04	.03	.02	.02	.03			.03	.03	.03	.04	.04	.04	.04	.05	.026	22	.06
11	.06	.06	.03	.03	.04	.04	.04	.04	.04	.05	.05	.05	.06	.06				.07	.06	.06	.06	.05	.03	.03	.047	21	.08
12	.03	.03	.05	.06	.06		.04	.04	.05	.05	.05	.03						.04	.03	.03	.03	.03	.04	.04	.040	18	.06
13*	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05	.05	.05			.03	.05	.05	.04	.04	.05	.04	.03	.037	22	.05
14*	.03	.03	.03	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02			.04	.04	.04	.03	.03	.03	.04	.04	.027	22	.05
15	.03	.02	.03	.03	.02	.03	.03			.05	.05	.05	.02	.03	.03		.04	.04	.04	.03	.04	.05	.05	.03	.034	21	.05
16	.05	.06	.03	.02	.02	.03	.03			.04	.04	.06		.05			.07	.07	.04	.04	.04		.05	.06	.044	18	.07
17		.06	.06	.04	.03	.06	.06	.06	.06			.03	.03	.03			.03	.03	.04	.04	.02	.02	.01	.02	.036	19	.06
18	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04		.04	.05	.03	.03	.03	.03	.02	.02	.02	.029	23	.05
19	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.04			.06	.04	.03	.03	.03	.02	.03	.02	.029	22	.06
20*	.02	.03	.03	.03	.02	.02	.02	.03	.04	.04	.03	.04	.05	.04		.04	.04	.04	.04	.03	.03	.03	.03	.03	.032	23	.06
21*	.03	.03	.02	.02	.01	.00	.01	.02	.03	.04	.05	.04	.03	.05				.02	.02	.02	.03	.03	.04	.04	.027	21	.06
22	.04	.05	.04	.04	.03	.03	.05	.06			.05	.05	.04	.05		.06	.06	.04	.04	.03	.03	.03	.03	.03	.042	21	.08
23	.02	.00	.01	.03	.03	.03	.04		.03	.03	.03	.02	.02	.02		.03	.03	.02	.01	.01	.02	.02	.03	.03	.023	22	.04
24	.03	.03	.01	.03	.02	.02	.03	.04	.03	.02	.02	.02	.02	.02		.03	.04	.02	.03	.03	.04	.04	.04	.04	.027	23	.05
25	.04	.04	.04	.04	.03	.04	.06		.07	.04	.05	.04	.05	.05			.06	.04	.04	.04	.05	.06	.05	.04	.046	21	.09
26	.05	.04	.03	.04	.03	.05	.07	.09	.06	.05	.04	.04	.04	.04		.06	.07	.05	.04	.05	.07	.04	.07	.07	.050	23	.09
27*	.07	.06	.05	.04	.03	.06	.08	.07	.07	.04	.03	.03	.03	.02		.02	.03	.03	.03	.04	.04	.05	.05	.05	.043	23	.09
28*	.06	.05	.05	.05	.05	.05	.04	.03	.02	.02	.02	.02	.02	.02		.02	.03	.02	.04	.04	.06	.06	.04	.04	.036	23	.07
29	.03	.02	.02	.01	.02	.04	.06	.07	.06	.05	.04	.03	.03	.04					.07	.07	.04	.05	.05	.05	.041	20	.10
30	.04	.03	.03	.03	.03	.03	.05	.04	.05	.05	.04	.04	.05	.04			.07	.06	.05	.05	.04	.04	.03	.03	.040	22	.07
MEAN	.04	.04	.03	.03	.03	.04	.04	.05	.05	.04	.04	.04	.04	.04			.05	.04	.04	.04	.04	.04	.04	.04	.040		
NO	29	30	30	30	30	29	30	26	27	28	29	30	27	28	1	12	26	29	29	30	30	29	30	30		649	
MAX	.08	.07	.06	.07	.06	.06	.08	.09	.12	.07	.07	.07	.06	.06	.03	.06	.08	.08	.07	.07	.07	.09	.08	.08	.073		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., DEC. 26, 1968

Table 3-283.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1	.03	.02	.02	.02	.02	.03	.04	.05	.05	.05	.05	.04	.05	.05			.06	.03	.03	.05	.04	.05	.05	.04	.038	22	.06
2	.04	.03	.03	.02	.02	.03	.04	.04	.03	.03	.02	.03	.02	.02			.02	.02	.02	.03	.04	.03	.03	.02	.027	22	.05
3	.02	.02	.03	.03	.03	.04	.05	.05	.03	.03	.04	.02	.04	.03			.02	.01	.01	.02	.03	.03	.03	.03	.029	22	.07
4*	.02	.02	.02	.03	.03	.03	.03	.02	.02	.03	.03	.02	.02	.02			.02	.02	.03	.03	.04	.04	.03	.04	.025	22	.05
5*																											
6																											
7	.02	.02	.01	.01	.02	.03	.03	.05	.04	.03	.03	.02	.03	.05			.03	.02	.01	.02	.03	.03	.04	.03	.026	22	.07
8	.02	.02	.02	.04	.04	.04	.07	.10	.09	.07	.04	.04	.05	.04			.05	.05	.05	.04	.05	.05	.06	.06	.049	22	.11
9	.05	.04	.05	.04	.04	.04	.05	.07	.06	.04	.02	.02	.02	.02			.05	.04	.04	.04	.05	.04	.04	.04	.040	22	.08
10	.04	.04	.04	.05	.04	.04	.05	.07	.07	.07	.07	.05	.06	.06			.07	.05	.05	.06	.06	.06	.06	.06	.054	22	.09
11*	.06	.05	.03	.04	.05	.05	.05	.04	.05	.03	.04	.04	.04	.04		.04	.04	.03	.03	.02	.02	.02	.02	.02	.037	23	.06
12*	.02	.01	.01	.01	.01	.02	.01	.00	.01	.00	.00	.00	.00	.00		.02	.01	.01	.01	.01	.01	.01	.01	.01	.008	23	.03
13	.00	.00	.00	.00	.00	.01	.02	.02	.02	.01	.00	.00	.00					.02	.02	.03	.03	.03	.04	.03	.014	20	.04
14	.03	.02	.02	.02	.02	.03	.03	.04	.03	.04	.04	.04	.04	.04		.04	.05	.04	.04	.04	.03	.03	.03	.03	.032	23	.06
15	.02	.02	.02	.04	.02	.03	.03	.03	.03	.05	.05	.05	.04	.04			.05	.03	.03	.03	.02	.03	.04	.03	.033	22	.06
16	.03	.04	.03	.02	.02	.04	.05	.05	.06	.06	.05	.04	.04	.04			.06	.03	.04	.04	.04	.03	.03	.04	.039	22	.07
17	.03	.03	.03	.03	.03	.03	.04	.05	.05	.04	.05	.04	.05	.05			.06	.04	.03	.03	.04	.03	.03	.03	.037	22	.07
18*	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.02	.02	.01	.01			.03	.04	.04	.04	.04	.05	.04	.04	.030	22	.05
19*	.03	.03	.02	.03	.02	.03	.03	.02	.03	.05	.07	.06	.01	.02			.02	.02	.03	.02	.03	.02	.03	.02	.029	22	.09
20	.03	.02	.03	.02	.03	.04	.05	.06	.05	.05	.05	.04	.04	.06			.07	.04	.03	.03	.04	.05	.03	.05	.040	22	.09
21	.05	.05	.04	.04	.04	.05	.06	.07	.08	.03	.04	.08	.04	.09			.09	.05	.05	.04	.03	.04	.04	.04	.050	22	.11
22	.03	.04	.05	.04	.03	.04	.05	.08	.08	.07	.05	.04	.03	.03			.05	.04	.03	.03	.04	.04	.04	.03	.042	22	.10
23	.03	.04	.03	.03	.03	.03	.04	.05	.04	.04	.04	.03	.03	.03			.07	.04	.03	.03	.04	.06	.05	.03	.037	22	.08
24	.03	.03	.04	.04	.04	.04	.05	.08	.06	.06	.05	.04	.04	.04			.07	.05	.04	.03	.04	.04	.04	.03	.044	22	.10
25*	.03	.04	.04	.03	.02	.03	.03	.03	.03	.03	.04	.03	.02	.03		.06	.05	.04	.03	.04	.04	.02	.03	.03	.032	23	.07
26*	.02	.01	.01	.01	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01			.01	.01	.02	.02	.04	.04	.04	.03	.017	22	.05
27	.02	.03	.02	.02	.02	.03	.03	.04	.06	.06	.04	.04	.05	.04			.07	.05	.05	.04	.04	.03	.03	.03	.037	22	.08
28	.04	.04	.03	.03	.03	.03	.05	.05	.04	.05	.04	.04	.02	.03					.04	.03	.03	.03	.02	.03	.033	20	.06
29	.02	.02	.02	.02	.02	.01	.02	.03	.02	.02	.02	.02	.02	.02			.03	.02	.02	.02	.02	.02	.03	.02	.020	22	.04
30	.02	.02	.01	.01	.01	.02	.02	.03	.03	.02	.03	.02	.02	.02			.04	.02	.03	.03	.04	.03	.04	.03	.024	22	.05
31	.03	.02	.02	.02	.01	.03	.03	.03	.03	.04	.03	.04		.03		.04	.04	.03	.03	.03	.03	.02	.03	.02	.028	22	.06
MEAN	.03	.03	.03	.03	.02	.03	.04	.04	.04	.04	.04	.03	.03	.03			.04	.03	.03	.03	.03	.03	.03	.03	.033		
NO	29	29	29	29	29	29	29	29	29	29	29	29	28	28		5	27	28	29	29	29	29	29	29		638	
MAX	.06	.05	.05	.05	.05	.05	.07	.10	.09	.07	.07	.08	.06	.09		.06	.09	.05	.05	.06	.06	.06	.06	.06	.054		.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., DEC. 26, 1968

Table 284.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

NITROGEN DIOXIDE
AUG. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.02	.02	.02	.02	.01	.02	.01	.02	.03	.03	.03	.03	.02	.01		.03	.03	.03	.02	.03	.02	.03	.05	.05	.025	23	.05
2*																											
3																											
4																											
5																											
6	.02	.01	.01	.01	.00	.00	.00		.00							.07	.09	.06	.06	.08	.09	.08	.07	.08	.042	17	.10
7	.05	.05	.06	.06	.06	.08	.08	.09	.10	.07	.05	.04	.03	.02		.04	.04	.05	.03	.03	.04	.05	.05	.05	.052	23	.10
8*	.05	.04	.03	.03	.03	.03	.04		.05	.06	.05	.05	.03	.03		.03	.03	.04	.04	.05	.05	.06	.06	.06	.040	22	.06
9*	.05	.05	.05	.03	.02	.03	.02		.02	.04	.04	.03	.02	.03			.03	.03	.04	.06	.06	.06	.04	.05	.037	21	.07
10	.03	.04	.03	.02	.02	.04	.06	.07	.08	.08	.09	.09	.08	.08		.09	.11	.08	.06	.05	.07	.06	.07	.07	.064	23	.12
11	.07	.07	.06	.04	.04	.06	.07	.05	.05	.03	.02	.02	.02	.02		.02	.03	.01	.01	.01	.01	.01	.01	.01	.032	23	.08
12	.00	.00	.00	.00	.00	.01	.02		.02	.01	.02	.01	.01	.02		.02	.03	.02	.02	.02	.02	.03	.03	.03	.015	22	.04
13	.02	.02	.02	.02	.02	.02	.04		.03	.02	.02	.02	.02	.02			.04	.03	.03	.04	.03	.03	.03	.04	.026	21	.05
14	.03	.03	.02	.01	.02	.03	.04	.04	.04	.04	.05	.04	.04	.04		.06	.05	.04	.03	.04	.04	.04	.04	.04	.036	23	.06
15*	.03	.03	.04	.04	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.04	.06	.031	22	.06
16*	.06	.05	.05	.05	.04	.04	.04	.05	.05	.02	.02	.02	.03	.03			.03	.02	.02	.03	.06	.09	.10	.09	.044	22	.11
17	.10	.11	.10	.08	.07	.05	.06	.07	.10	.10	.05	.03	.03	.02		.02	.04	.02	.03	.03	.04	.04	.04	.03	.053	23	.13
18	.02	.02	.02	.01	.01	.03	.04	.04	.04	.05	.07	.09	.08	.03		.10	.09	.08	.08	.07	.05	.08	.10	.08	.055	23	.12
19	.02	.03	.02	.02	.02	.03	.04	.02	.03	.04	.03	.00	.01	.00		.03	.03	.01	.01	.01	.04	.04	.04	.03	.023	23	.05
20	.03	.04	.03	.02	.01	.01	.02	.01	.01	.00		.01	.01	.01	.01	.03	.04	.03	.01	.01	.02	.02	.01	.01	.017	23	.04
21	.00	.00	.00	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.00		.02	.03	.02	.02	.01	.01	.00	.01	.00	.010	23	.04
22*	.00	.00										.00	.00	.00		.00	.00	.00	.01	.01	.02	.02	.03	.03	.009	14	.03
23*	.03	.03	.02	.02	.01	.01	.01	.00			.00	.00	.00	.00		.00	.00	.00	.01	.01	.02	.03	.03	.03	.013	21	.04
24																											
25																											
26																											
27	.02	.01	.02	.02	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03		.03	.04	.03	.02	.02	.02	.02	.01	.01	.020	23	.04
28	.01	.01	.01	.01	.01	.02	.04	.04	.03	.02	.01	.02	.02	.02		.02	.03	.02	.03	.03	.03	.03	.03	.03	.022	23	.04
29*	.03	.03	.03	.02	.03	.02	.02	.01	.03	.02	.01	.01	.01	.01		.01	.02	.02	.01	.01	.02	.02	.02	.02	.019	23	.04
30*	.02	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01		.02	.02	.02	.04	.04	.05	.04	.04	.03	.019	23	.05
31	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.04	.04		.04	.04	.03	.03	.05	.05	.04	.05	.04	.029	23	.05
MEAN	.03	.03	.03	.02	.02	.03	.03	.03	.04	.03	.03	.03	.02	.02		.03	.04	.03	.03	.03	.04	.04	.04	.04	.031		
NO.	24	24	23	23	23	23	23	18	22	21	21	23	23	23	1	20	24	24	24	24	24	24	24	24		527	
MAX.	.10	.11	.10	.08	.07	.08	.08	.09	.10	.10	.09	.09	.08	.08	.01	.10	.11	.08	.08	.08	.09	.09	.10	.09	.064		.13

TABULATED THU., DEC. 26, 1968

* Indicates Saturday or Sunday
Local standard time used

Table 3-285.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.04	.06	.04	.03	.03	.04	.04	.02	.03	.03	.03	.03	.03	.03		.07	.07	.04	.04	.06	.05	.05	.06	.03	.042	23	.10
2	.05	.03	.03	.02	.03	.04	.04	.03	.04	.04	.03	.04	.04	.04		.06	.07	.04	.03	.04	.05	.04	.04	.04	.038	23	.07
3	.05	.04	.04	.04	.04	.05	.06	.04	.06	.06	.05	.05						.04	.03	.04	.06	.06	.07	.06	.048	19	.07
4	.05	.05	.05	.03	.03	.04	.05	.04	.02	.02	.02	.02	.02	.03		.03	.03	.03	.03	.04	.04	.03	.04	.04	.032	23	.06
5*	.03	.03	.03	.03	.03	.03	.02	.01	.02	.02	.02	.02	.02	.02		.02	.02	.02	.04	.03	.03	.04	.04	.04	.026	23	.05
6*	.05	.04	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.03	.04	.04	.03	.04	.028	23	.05
7	.03	.02	.01	.01	.01	.01	.02	.02	.03	.04	.02	.02	.02	.02		.02	.02	.02	.03	.03	.03	.02	.03	.04	.023	23	.04
8	.04	.03	.03	.03	.02	.03	.03	.05	.06	.05	.04	.03	.03	.03		.05	.06	.05	.04	.03	.03	.04	.03	.04	.037	23	.06
9	.04	.05	.03	.03	.03	.04	.04	.05	.05	.04	.04	.04	.04	.03		.04	.06	.04	.02	.03	.04	.04	.04	.05	.039	23	.07
10	.04	.04	.04	.03	.03	.03	.03	.04	.05	.04	.03	.02	.02	.03					.02	.03	.03	.02	.01	.01	.030	20	.06
11	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	.03		.03	.04	.04	.04	.03	.03	.03	.03	.03	.023	23	.04
12*	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02		.02	.02	.02	.02	.03	.03	.04	.05	.05	.025	23	.05
13*	.04	.04	.03	.03	.03	.03	.03	.02	.02	.02	.01	.02	.01	.02		.03	.03	.03	.04	.05	.05	.05	.05	.04	.030	23	.06
14	.05	.05	.05	.05	.03	.03	.04	.05	.06	.05	.05	.04	.05	.04		.06	.07	.06	.05	.04	.04	.04	.05	.05	.048	23	.08
15	.04	.05	.04	.04	.04	.04	.05	.06	.10	.13	.21	.20	.11	.09		.10	.09	.05	.05	.06	.07	.05	.05	.04	.076	23	.24
16	.04	.03	.02	.03	.04	.04	.04	.05	.05	.06	.06	.07	.07	.06		.08	.09	.07	.08	.07	.05	.06	.05	.05	.055	23	.11
17	.05	.04	.03	.02	.03	.04	.04	.04	.03			.03	.03	.03			.04	.03	.02	.03	.03	.02	.02	.02	.030	20	.05
18	.02	.02	.02	.01	.02	.03	.03	.03	.03	.03	.04	.03	.03	.04		.05	.06	.05	.04	.04	.04	.04	.04	.04	.034	23	.08
19*	.04	.04	.03	.03	.03	.03	.04	.05	.10	.07	.04	.03	.04	.04		.04	.03	.04	.04	.04	.05	.04	.03	.03	.041	23	.12
20*	.02	.02	.02	.02	.02	.02	.02	.02	.04	.03	.03	.02	.02	.03		.04	.03	.03	.04	.05	.04	.04	.04	.03	.029	22	.05
21	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04	.04	.03	.03		.03	.05	.04	.03	.03	.03	.03	.03	.03	.030	23	.05
22	.03	.03	.02	.02	.02	.02	.02	.03	.04	.04	.05	.04	.03	.03		.06	.05	.03	.03	.02	.02	.02	.02	.02	.030	23	.06
23	.01	.01	.01	.00	.00	.01	.03	.02		.02	.02	.02	.02	.02		.03	.03	.03	.03	.02	.02	.03	.03	.03	.019	22	.04
24	.02	.02	.03	.01	.01	.01	.02	.02		.02	.01	.01	.01	.01			.02	.02	.02	.03	.03	.03	.04	.05	.021	21	.05
25	.05	.03	.03	.02	.02	.03	.04	.04		.04	.04	.04	.04	.04		.05	.05	.04	.03	.03	.03	.03	.03	.04	.034	22	.06
26*	.03	.03	.02	.01	.02	.02	.03	.03	.03	.03	.02	.03	.03	.03		.03	.04	.03	.03	.03	.03	.04	.04	.05	.030	23	.05
27*	.04	.02	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01				.02	.03	.03	.03	.03	.03	.03	.016	21	.04
28	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.05	.05								.05	.05	.04	.04	.04	.041	17	.08
29	.05	.05	.05	.05	.04	.04	.05	.07	.13	.14	.06	.05	.06	.04		.06	.05	.03	.05	.05	.05	.05	.04	.04	.057	23	.16
30	.04	.04	.04	.04	.04	.05	.05	.05	.07	.06	.04	.03	.04	.04		.07	.06	.03	.04	.04	.04	.04	.04	.04	.044	23	.08
MEAN	.04	.03	.03	.02	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03		.04	.05	.03	.03	.04	.04	.04	.04	.04	.035		
NO.	30	30	30	30	30	30	30	30	27	29	29	30	28	28		24	26	28	29	30	30	30	30	30		668	
MAX.	.05	.06	.05	.05	.04	.05	.06	.07	.13	.14	.21	.20	.11	.09		.10	.09	.07	.08	.07	.07	.06	.07	.06	.076		.24

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., DEC. 26, 1968

Table 3-286.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

ST. LOUIS,MO.

NITROGEN DIOXIDE
OCT. 1964

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1	.03	.03	.02	.02	.02	.03	.03	.03	.05	.05	.06	.05	.04	.04				.04	.03	.03	.04	.03	.03	.04	.035	21	.07
2	.03	.04	.03	.03	.02	.03	.03	.03	.03	.03	.03	.02	.01	.01		.02	.02	.02	.03	.03	.03	.02	.02	.03	.025	23	.04
3*	.04	.03	.03	.04	.03	.03	.03	.03	.05	.04	.03	.03	.02	.03		.03	.04	.04	.04	.04	.04	.04	.04	.03	.034	23	.06
4*	.01	.01	.01	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.003	22	.02
5	.00	.00	.00	.00	.00	.00	.01	.01	.02	.01	.02	.01	.01	.01		.02	.02	.01	.02	.02	.02	.02	.02	.02	.011	23	.03
6	.02	.02	.02	.02	.02	.02	.02	.02	.04	.04	.02	.01	.01	.01		.02	.01	.02	.02	.02	.02	.02	.01	.01	.019	23	.04
7	.01	.01	.01	.01	.01	.01	.01	.02	.02							.04	.04	.03	.02	.02	.02	.02	.02	.02	.019	18	.04
8	.02	.02	.02	.03	.03	.03	.04	.03	.02	.01	.01	.01	.01	.01		.01	.02	.01	.01	.01	.01	.01	.01	.01	.016	23	.04
9	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01		.02	.02	.02	.03	.03	.03	.02	.02	.02	.016	23	.03
10*	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.01	.01		.02	.02	.02	.03	.03	.03	.03	.03	.03	.023	23	.04
11*	.03	.03	.02	.03	.03	.02	.02	.03	.03	.02	.02	.01	.01	.01		.02	.02	.03	.03	.04	.04	.03	.03	.03	.025	23	.04
12	.02	.02	.02	.02	.02	.03	.03	.04	.05	.04	.03	.02	.02	.03		.03	.03	.02	.02	.02	.02	.02	.02	.02	.025	23	.05
13	.02	.02	.02	.02	.01	.02	.02	.03	.04	.06	.07	.07	.06	.07		.07	.06	.07	.07	.07	.07	.05	.05	.05	.048	23	.08
14	.04	.04	.04	.04	.05	.05	.05	.07	.08	.10	.10	.06	.06	.04		.03	.06	.05	.06	.06	.06	.05	.05	.05	.056	23	.11
15	.05	.04	.04	.04	.04	.04	.04	.05	.08	.11	.09	.06	.03				.06	.06	.06	.07	.12	.11	.11	.11	.066	21	.13
16	.10	.09	.10	.10	.09	.09	.10	.17	.21	.22	.15	.09	.06	.07		.05	.09	.06	.10	.14	.15	.17	.13	.10	.115	23	.31
17*	.10	.11	.07	.06	.06	.06	.05	.05	.07	.10	.08	.06	.03	.03		.04	.04	.04	.04	.04	.03	.04	.04	.04	.056	23	.12
18*	.03	.04	.05	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01		.01	.01	.02	.03	.03	.03	.03	.03	.02	.017	23	.05
19	.01	.01	.00	.00	.01	.01	.02	.02	.03	.02	.02	.01	.01	.02		.02	.02	.02	.01	.02	.02	.02	.02	.02	.01[illegible]	23	.04
20	.01	.01	.02	.01	.02	.02	.03	.03	.05	.04	.03	.02	.03	.03		.04	.04	.04	.04	.04	.03	.04	.03	.03	.029	23	.06
21	.04	.03	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02	.01	.01		.02	.03	.02	.03	.03	.02	.02	.02	.02	.023	23	.04
22	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03		.02	.02			.03	.03	.03	.03	.03	.02	.02	.02	.023	21	.04
23	.02	.02	.02	.02	.02	.02	.02	.02	.04	.03	.03	.03	.02	.03		.05	.05	.06	.06	.05	.06	.05	.04	.04	.034	23	.06
24*	.04	.04	.04	.04	.03	.04	.04	.04	.05	.04	.03	.04	.04	.04		.05	.05	.05	.05	.04	.04	.04	.04	.04	.041	23	.06
25*	.04	.05	.05	.05	.05	.04	.04	.04	.04	.04	.05	.04	.04	.03		.03	.03	.04	.04	.04	.04	.03	.03	.04	.039	23	.05
26	.04	.02	.03	.02	.03	.02	.04	.04	.05	.06	.06	.05	.05	.05		.05	.05	.05	.04	.04	.04	.04	.03	.03	.030	23	.06
27	.02	.02	.02	.02	.01	.01	.02	.02	.02	.03	.05	.05	.05	.05		.04	.05	.04	.04	.02	.02	.02	.03	.03	.029	23	.06
28	.03	.02	.02	.02	.02	.02	.02	.02	.03	.06	.08	.04	.03	.03		.03	.04	.03	.05	.06	.05	.05	.05	.05	.036	23	.11
29	.05	.05	.05	.04	.04	.03	.03	.04	.04	.04	.05						.05	.05	.04	.04	.04	.04	.03	.03	.041	19	.06
30	.03	.03	.03	.02	.02	.02	.03	.03	.05	.05	.06	.05	.04	.04		.04	.05	.05	.04	.04	.04	.04	.04	.04	.038	23	.07
31*	.04	.04	.03	.04	.04	.04	.03	.03	.04	.06	.04	.03	.03	.03			.04	.05	.06	.06	.06	.05	.05	.05	.043	22	.07
MEAN	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.04	.03	.03	.03		.03	.04	.03	.04	.04	.04	.04	.04	.03	.034		
NO.	31	31	31	31	31	31	31	31	31	30	30	28	29	28		25	30	31	31	31	31	31	31	31		696	
MAX.	.10	.11	.10	.10	.09	.09	.10	.17	.21	.22	.15	.09	.06	.07		.07	.09	.07	.10	.14	.15	.17	.13	.11	.115		.31

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., DEC. 26, 1968

Table 287.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

ST. LOUIS, MO.

NITROGEN DIOXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1*	.05	.04	.05	.04	.04	.04	.04	.03	.04	.04	.03	.03	.04	.03		.03	.03	.04	.04	.04	.04	.04	.05	.05	.039	23	.06
2	.05	.05	.04	.03	.03	.02	.04	.05	.06	.06	.05	.06	.06	.05		.04	.05	.06	.04	.03	.04	.04	.03	.03	.043	23	.07
3	.03	.02	.02	.01	.01	.02	.02	.02	.03	.03	.03	.05	.05	.04		.05	.05	.06	.05	.04	.04	.05	.05	.04	.035	23	.07
4	.05	.03	.03	.03	.03	.02	.02	.03	.03	.04	.09	.05	.05	.04		.06	.07	.07	.06	.06	.05	.05	.05	.05	.046	23	.09
5	.05	.03	.02	.01	.01	.01	.02	.02	.02	.03	.03	.04	.03	.02			.04	.04	.04	.04	.04	.03	.03	.03	.029	22	.06
6	.03	.03	.03	.03	.02	.02	.03	.03	.04	.05	.04	.04	.04	.04			.05	.06	.05	.06	.07	.05	.05	.05	.041	22	.09
7*	.05	.04	.03	.03	.04	.04	.04	.04	.05	.05	.06	.06	.04	.03			.04	.05	.05	.04	.04	.04	.04	.04	.042	22	.06
8*	.04	.04	.04	.04	.04	.03	.03	.04	.07	.04	.02	.04	.02	.03			.04	.06	.07	.06	.05	.04	.04	.03	.041	22	.08
9	.04	.03	.02	.02	.03	.03	.04	.04	.05	.05	.04	.04	.04	.04			.05	.05	.05	.04	.04	.03	.03	.04	.037	22	.06
10	.04	.04	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.05	.05			.04	.04	.05	.04	.04	.03	.04	.04	.037	22	.05
11	.04	.04	.04	.02	.01	.02	.02	.04	.04	.04	.04	.04	.04	.03			.05	.05	.03	.03	.04	.04	.05	.04	.036	22	.05
12	.03	.03	.02	.03	.04	.04	.04	.05	.04	.04	.03	.03	.04	.04			.04	.03	.03	.03	.03	.03	.03	.03	.033	22	.05
13	.03	.03	.03	.02	.03	.02	.03	.03	.04	.05	.04	.03	.03	.03		.03	.04	.04	.03	.03	.03	.03	.03	.03	.032	23	.05
14*	.03	.03	.02	.02	.02	.02	.02	.03	.03	.04	.04	.03	.03	.02		.03	.04	.03	.04	.04	.04	.03	.03	.03	.030	23	.04
15*	.02	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02		.02	.02	.02	.01	.02	.02	.02	.02	.02	.017	23	.03
16	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01			.02	.01	.01	.01	.01	.01	.01	.01	.015	22	.03
17	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03		.02	.02	.02	.02	.02	.02	.02	.02	.02	.018	23	.04
18	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.016	23	.02
19	.02	.02	.02	.02	.01	.02	.02	.02	.03	.02	.02	.02	.01	.02			.02	.02	.02	.02	.02	.03	.03	.02	.020	22	.03
20	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01		.01	.01	.02	.01	.01	.01	.01	.01	.01	.015	23	.02
21*	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01		.01	.02	.02	.02	.03	.02	.03	.02	.03	.013	23	.03
22*	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.02	.02	.02	.02	.02	.02	.02	.022	23	.03
23	.03	.03	.03	.03	.02	.02	.03	.03	.04	.03	.03	.03	.03	.04			.04	.04	.03	.03	.03	.03	.03	.03	.030	22	.04
24	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.07	.04	.04	.04		.04	.04	.05	.04	.04	.04	.03	.03	.04	.036	23	.08
25	.04	.04	.04	.05	.03	.04	.04	.04	.05	.08	.07	.07	.05	.04			.05	.06	.05	.05	.04	.04	.04	.03	.046	22	.09
26	.04	.03	.03	.03	.03	.03	.03	.01	.01	.01	.01	.01	.01	.01			.02	.02	.02	.02	.01	.01	.01	.01	.018	22	.04
27	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.04			.03	.03	.02	.02	.02	.02	.02	.02	.019	22	.06
28*	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.016	23	.03
29*	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.012	22	.02
30	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02			.03	.03	.03	.03	.03	.03	.03	.03	.020	22	.04
MEAN	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03			.03	.04	.03	.03	.03	.03	.03	.03	.028		
NO.	30	30	30	30	30	30	30	30	30	30	30	30	30	30		14	30	30	30	30	30	30	30	30		674	
MAX.	.05	.05	.05	.05	.04	.04	.04	.05	.07	.08	.09	.07	.06	.05		.06	.07	.07	.07	.06	.07	.05	.05	.05	.046		.09

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., DEC. 26, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-288.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS,MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
DEC. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.02	.02	.02	.01	.01	.02	.01	.02	.02	.01	.01	.01	.01			.02	.03	.02	.02	.03	.02	.03	.03	.010	22	.03
2	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03			.02	.03	.02	.02	.02	.02	.02	.02	.023	22	.03
3	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02							.02	.02	.02	.02	.02	.020	18	.03
4	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.03	.02	.02	.02	.02	.02	.02	.020	23	.03
5*	.02	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.01	.02		.019	23	.02
6*	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03		.02	.03	.03	.03	.02	.02	.02	.02	.02	.021	23	.03
7	.02	.02	.02	.01	.01	.02	.02	.02	.01	.02	.02	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.02	.02	.023	23	.04
8	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.03	.02	.02	.02	.02	.02	.02	.020	23	.03
9	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02			.02	.02	.02	.01	.01	.01	.01	.01	.018	22	.03
10	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.01	.02	.01	.01	.01	.01	.01	.01	.010	22	.02
11	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.00	.02	.04	.04	.04	.04	.03	.04	.04	.018	23	.05
12*	.03	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.04
13*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.02	.03	.03	.03	.03	.03	.03	.02	.010	22	.04
14	.02	.02	.02	.01	.01	.02	.02	.02	.03	.02	.03	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.020	22	.03
15	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.02	.02	.02	.02	.03	.03	.03	.020	23	.03
16	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.05	.05		.02	.02	.02	.02	.02	.01	.00	.00	.00	.023	23	.05
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01		.01	.02	.02	.01	.01	.01	.01	.01	.01	.007	23	.02
18	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.03	.04	.04		.04	.04	.04	.04	.03	.03	.02	.02	.02	.022	23	.05
19*	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01		.02	.02	.02	.02	.02	.02	.02	.02	.02	.016	23	.02
20*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03		.02	.03	.03	.04	.04	.06	.04	.03	.03	.026	23	.08
21	.03	.02	.03	.03	.02	.02	.02	.02	.03	.02	.03	.03	.03	.04		.04	.04	.03	.02	.02	.02	.02	.02	.02	.026	23	.04
22	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.03	.03		.03	.03	.03	.03	.03	.03	.02	.03	.03	.020	23	.03
23	.03	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.023	22	.03
24	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02			.01	.01	.02	.01	.02	.02	.02	.02	.022	22	.04
25	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02			.02	.01	.01	.01	.01	.01	.01	.01	.014	22	.03
26*	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01			.02	.02	.02	.02	.03	.02	.02	.02	.014	22	.03
27*	.02	.02	.02	.02	.02	.01	.02	.02	.01	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.01	.01	.01	.017	22	.03
28	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01					.02	.02	.02	.03	.03	.03	.013	20	.03
29	.03	.03	.02	.03	.02	.03	.03	.03	.03	.03	.02	.03	.03	.03		.03	.03	.03	.03	.02	.03	.03	.03	.03	.028	23	.04
30	.03	.03	.03	.03	.01	.02	.02	.02	.02	.02	.02	.02	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.04
31	.03	.02	.02	.01	.01	.01	.01	.02	.02	.01	.02	.02	.02	.02		.02	.02	.02	.02	.02	.01	.02	.01	.01	.017	23	.04
MEAN	.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.019		
NO.	31	31	31	31	31	31	31	31	31	31	31	31	31	30		18	29	29	30	31	31	31	31	31		694	
MAX.	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.05	.05		.04	.04	.04	.04	.04	.06	.04	.04	.04	.028		.08

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., DEC. 26, 1968

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-289.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

ST. LOUIS, MISSOURI
SULFUR DIOXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
MEAN																											
NO																											
MAX																											

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-290.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MISSOURI

SULFUR DIOXIDE
FEB. 1964

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
MEAN																											
NO																											
MAX																											

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED

Table 3-291.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
CONDUCTIOMETRIC ANALYSIS

SULFUR DIOXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
12*	.05	.03	.03	.03	.05	.08	.18	.30	.43	.60	.31	.09	.21	.15	.15	.10	.09	.08	.08	.19	.34	.02	.11	.02	.154	24	.73
13	.00	.01	.14	.03	.04	.02	.03	.04	.14	.12	.06	.11	.07	.08	.04	.12	.09	.06	.16	.05	.12	.15	.20	.02	.080	24	.57
14	.02	.02	.03	.09	.19	.08	.04	.06	.03	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.05	.04	.06	.04	.08	.041	24	.29
15	.09	.16	.12	.10	.11	.09	.10	.11	.12	.09	.05	.04	.02	.03	.05	.02	.03	.03	.02	.04	.05	.07	.07	.06	.069	24	.19
16	.01	.08	.23	.39	.31	.64	.33	.34	.27	.22	.04	.05	.06	.04	.04	.02	.01	.02	.03	.01	.02	.02	.02	.07	.134	24	.98
17	.08	.09	.06	.07	.14	.07	.08	.07	.05	.04	.05	.02	.01	.02	.02	.02	.01	.02	.02	.02	.02	.04	.03	.06	.046	24	.17
18*	.12	.05	.04	.04	.04	.05	.23	.10	.04		.05	.06	.04	.03	.04	.04	.04	.04	.04	.07	.08	.06	.06	.06	.061	23	.39
19*	.05	.06	.07	.08	.07	.05	.10	.08	.08	.06	.05	.10	.16	.09	.13	.15	.06	.07	.06	.05	.05	.04	.04	.04	.073	24	.27
20	.03	.03	.03	.03	.05	.05	.07	.10	.08	.05	.08	.08		.06	.06	.08	.11	.04	.03	.04	.05	.05	.04	.02	.055	23	.16
21	.03	.03	.02	.02	.02	.03	.03	.04	.04	.03	.02	.02	.01	.02	.11	.12	.01	.01	.02	.03	.01	.01	.01	.01	.028	24	.27
22	.01	.06	.10	.07	.11	.05	.04	.05	.10	.15			.13	.09	.16	.13	.07	.09	.06	.13	.12	.13	.39	.49	.123	221	.06
23	.73	.20	.02	.02	.01	.16	.18	.11	.08	.06	.08	.08	.10	.23	.32	.08	.14	.12	.04	.22	.24	.26	.25	.19	.163	24	.83
24	.06	.06	.05	.05	.07	.12	.21	.36	.28	.22	.23	.10	.07	.07	.07	.09	.08	.10	.06	.02	.07	.20	.16	.06	.119	24	.62
25*	.04	.06	.05	.18	.15	.11	.12		.16	.11	.08		.19	.19	.08	.04	.03	.03	.03	.03	.04	.04	.06	.03	.084	22	.43
26*	.02	.03	.02	.03	.05	.07	.08	.07	.04	.04	.04	.05	.07	.07	.06	.06	.05	.04	.04	.06	.07	.07	.08	.09	.054	24	.17
27	.08	.30	.33	.25	.21	.18	.10	.14	.18	.09	.20	.19	.12	.17	.13	.10	.16	.09	.13	.33	.14	.13	.10	.11	.165	24	.53
28	.07	.14	.10	.06	.05	.09	.07	.05	.05	.03	.03	.02	.02	.01	.02	.02	.02	.02	.02	.04	.04	.03	.04	.08	.046	24	.21
29	.09	.06	.08	.11		.16	.07	.10	.03	.02	.04	.02	.02	.02	.02	.01	.02	.02	.02	.03	.03	.03	.02	.02	.044	23	.20
30	.04	.06	.05	.06	.07	.09	.12	.09	.08	.27			.04	.04	.02	.02	.02	.03	.05	.05	.06	.07	.10	.10	.069	22	.39
31	.14	.11	.12	.08	.09	.12	.12	.09	.06	.05	.04	.03	.02	.03	.02	.01	.01	.02	.08	.17	.23	.14	.04	.05	.077	24	.45
MEAN	.09	.08	.08	.09	.10	.11	.11	.12	.12	.12	.08	.06	.07	.07	.08	.06	.05	.05	.05	.08	.09	.08	.09	.08	.084		
NO	20	20	20	20	19	20	20	19	20	19	18	17	19	20	20	20	20	20	20	20	20	20	20	20		471	
MAX	.73	.30	.33	.39	.31	.64	.33	.36	.43	.60	.31	.19	.21	.23	.32	.15	.16	.12	.16	.33	.34	.26	.39	.49	.165		1.06

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-292.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

ST. LOUIS,MO.

SULFUR DIOXIDE
APRIL 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.04	.04	.04	.03	.05	.05	.06	.15	.21	.21	.24	.14	.12	.12	.14	.19	.23	.12	.01	.34	.09	.14	.28	.21	.135	24	.85
2	.03		.13	.03	.02	.05	.11	.34	.14	.14	.07	.03	.05	.02	.02	.12	.03	.05	.00	.01	.06	.11	.08	.13	.077	23	.78
3																											
4*											.03	.02	.03	.02	.02	.02	.03	.02	.02	.03	.04	.03	.04	.04	.027	14	.06
5*	.03	.03	.03	.03	.02	.02	.02	.07	.03	.03	.15	.08	.11	.11	.08	.07	.13	.17	.02	.04	.09	.14	.05	.02	.065	24	.34
6	.02	.04	.14	.15	.06	.04	.06	.16	.06	.06	.09	.03	.04	.06	.06	.02	.17	.08	.03	.07	.15	.07	.03	.08	.072	24	.29
7	.15	.09	.05	.05	.04	.08	.01	.03	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.028	24	.21
8	.01	.01	.00	.01	.01	.01	.03	.03	.03	.03	.02	.02	.01	.01	.02	.02	.02	.02	.02	.05	.04	.03	.04	.06	.021	24	.07
9	.06	.05	.04	.07	.06	.06	.12	.17	.14	.09	.04	.06	.03	.03	.02	.02	.03	.02	.01	.03	.09	.13	.09	.18	.068	24	.28
10	.18	.22	.33	.21	.06	.06	.07	.10	.05	.04	.06	.23	.19	.16	.16	.11	.04	.03	.03	.03	.03	.05	.44	.04	.121	24	.94
11*	.01	.01	.02	.01	.01	.01	.01	.04	.02	.04	.03	.04	.04	.05	.03	.04	.03	.04	.01	.05	.15	.07	.04	.04	.034	24	.44
12*	.02	.02	.05	.04	.05	.03	.02	.03	.14	.13	.06	.11	.07	.12			.04	.01	.02	.01	.01	.07	.01	.03	.047	22	.20
13	.05	.04	.06	.01	.00	.02	.02	.02	.02	.01	.02	.01	.03	.02	.02	.02	.03	.01	.01	.01	.01	.01	.05	.09	.025	24	.14
14	.04	.01	.01	.03	.04	.04	.07	.09	.07	.03	.06	.04	.04	.04	.08	.07	.06	.02	.03	.01	.02	.03	.06	.03	.041	24	.15
15	.03	.02	.05	.04	.09	.10			.06	.12	.05	.05	.05	.05	.15	.06	.15	.19	.07	.06		.15	.00	.01	.072	21	.33
16	.00	.03	.00	.19	.33	.37	.31	.25	.23	.10	.03	.06	.09	.03	.03	.06	.12	.07	.06	.01	.00	.02	.09	.15	.109	24	.40
17	.30	.24	.05	.05	.20	.02	.15	.10	.19	.15	.08	.02			.10	.06	.07	.06	.00	.07	.01	.00	.05	.17	.100	22	.38
18*	.14	.24	.12	.06	.00	.08	.15	.10	.12	.12	.06	.00	.01	.06	.12	.15	.11	.08	.09	.15	.07	.07	.09	.02	.091	24	.41
19*	.09	.06	.08	.22	.19	.08	.11	.13	.18	.22	.14	.08	.06	.02	.02	.10	.06	.00	.18	.02	.03	.05	.12	.07	.096	24	.38
20																											
21		.03	.04	.07	.11	.02	.01	.07	.13	.13	.09			.11	.12	.05	.02	.03	.02	.03	.03	.04	.04	.02	.057	21	.29
22	.02	.04	.04	.02	.03	.02	.02	.02	.02	.03	.09	.03	.04	.07	.15	.10	.14	.21	.15	.05	.03	.05	.04	.02	.058	24	.49
23	.01	.00	.00	.00	.00	.00	.06	.23	.21	.02	.02	.03		.00	.02	.02	.01	.01	.02	.04	.15	.09	.15	.05	.049	23	.62
24	.00	.02	.01	.02	.05	.08	.02	.06	.18	.34	.05	.02	.04	.03	.01	.03	.14	.13	.01	.04	.16	.09	.07	.09	.070	24	.68
25*	.09	.05	.05	.01	.01	.02	.02	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.02	.013	24	.15
26*	.01	.01	.01	.01	.00	.00	.01	.12	.34	.01	.03	.00	.01	.01	.01	.01	.01	.05	.02	.33	.26	.31	.31	.06	.080	24	.75
27	.04	.02	.06	.05	.44	.46	.26	.08	.05	.06	.10	.03	.02	.03	.05		.05	.02	.03	.00	.01	.00	.00	.00	.080	23	.79
28	.03	.03	.14	.06	.07	.02	.01	.01	.00	.00	.00	.01	.01	.00	.00	.03	.03	.04	.02	.03	.04	.02	.03	.02	.027	24	.25
29	.03	.00	.00	.00	.00	.00	.01	.01	.04	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.03	.007	24	.10
30	.02	.01	.00	.01	.02	.03	.04	.06	.09	.01	.02	.01		.01	.00	.01	.01	.00	.00	.00	.06	.08	.14	.01	.026	23	.35
MEAN	.06	.05	.06	.05	.07	.07	.07	.10	.10	.08	.06	.04	.04	.04	.05	.05	.06	.05	.03	.05	.06	.07	.08	.06	.061		
NO.	26	26	27	27	27	27	26	26	27	27	28	27	24	27	27	26	28	28	28	28	27	28	28	28		648	
MAX.	.30	.24	.33	.22	.44	.46	.31	.34	.34	.34	.24	.23	.19	.16	.16	.19	.23	.21	.18	.34	.26	.31	.44	.21	.135		.94

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-293.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.02	.08	.04	.04	.01	.03	.04	.18	.23	.11	.13	.03	.05	.02	.02	.03	.04	.13	.16	.00	.02	.01	.08	.03	.062	24	.39
2*	.00	.00	.00	.00	.00	.00	.01	.00	.01	.11	.03	.02	.00	.00	.02	.01	.02	.01	.01	.05	.19	.03	.04	.04	.024	24	.34
3*	.02	.02	.02	.01	.01	.01	.00	.00	.02	.00	.00	.02	.03	.05	.03	.02	.05	.05	.05	.02	.01	.02	.00	.01	.018	24	.08
4	.14	.10	.11	.03	.07	.10	.01	.02	.00	.03	.02			.03	.06	.05	.08	.03	.02	.01	.01	.05	.00	.01	.045	22	.35
5	.03	.04	.03	.01	.00	.01	.02	.01	.02	.03	.04	.06	.03		.03	.07	.02	.00	.03	.04	.01	.00	.04	.00	.024	23	.19
6	.00	.02	.00	.00	.13	.03	.08	.02	.00	.01	.04	.04	.06	.03	.02	.03	.05	.03	.02	.01	.01	.05	.03	.10	.033	24	.21
7	.17	.05	.01	.02	.00	.17	.17	.02	.09	.07	.02	.02	.02	.02	.01	.09	.07	.05	.03	.08	.06	.08	.09	.09	.062	24	.35
8	.07	.09	.00	.10	.18	.13	.11	.10	.06	.06	.15	.12	.05	.03	.01	.05	.07	.07	.11	.07	.03	.01	.00	.02	.069	24	.32
9*	.03	.03	.02	.02	.00	.03	.03	.02	.03	.04	.01	.01	.01	.01	.03	.02	.02	.02	.02	.02	.01	.02	.03	.01	.020	24	.07
10*	.00	.01	.03	.29	.38	.36	.40	.22	.19	.16	.02	.00	.00	.01	.00	.00	.01	.00	.00	.01	.23	.07	.03	.07	.103	24	.28
11	.06	.04	.06	.04	.06	.05	.03	.02	.01	.00	.00	.00	.00	.02	.39	.27	.11	.03	.10	.02	.08	.08	.06	.02	.065	24	.65
12	.01	.00	.01	.02	.03	.01	.01	.03	.03	.02	.02		.01	.03	.02	.06	.05	.03	.01	.03	.03	.03	.02	.03	.022	23	.11
13	.03	.01	.00	.01	.03	.04	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.03	.04	.04	.012	24	.06
14	.05	.04	.03	.05	.03	.03	.06	.08	.20	.09	.19	.12	.17	.19	.23	.16	.12	.08	.07	.04	.06	.03	.17	.02	.096	24	.54
15	.04	.10	.00	.00	.01	.03							.03	.05	.06	.04	.07	.07	.03	.08	.11	.07	.01	.01	.044	18	.17
16*	.08	.13	.23	.10	.12	.07	.14	.11	.02	.03	.02	.01	.01	.02	.01	.01	.00	.00	.00	.00	.00	.01	.02	.07	.049	24	.34
17*	.04	.04	.01	.04	.01	.02	.01	.02	.02	.00	.01	.02	.01	.01	.02	.03	.06	.05	.06	.04	.03	.02	.08	.05	.029	24	.30
18	.07	.05	.07	.04	.11	.10	.05	.06	.07	.02	.01	.01	.04	.04	.08	.06	.06	.03	.04	.07	.13	.06	.17	.22	.068	24	.33
19	.07	.00	.00	.00	.02	.02	.03	.02	.00	.01	.03	.00	.00	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.010	24	.10
20	.03	.03	.02	.00	.00	.00	.05	.11	.27	.26	.26	.05	.01	.00	.00	.01	.02	.07	.04	.03	.00	.14	.13	.00	.063	24	.32
21	.00	.18	.03	.00	.00	.00	.00	.09	.03	.04	.05	.01	.01	.00		.01	.01	.02	.00	.00	.00	.00	.01	.03	.022	23	.44
22	.01	.02	.00	.03	.02	.09	.17	.17	.17	.13	.13	.02	.03	.02	.00	.02	.01	.01	.06	.05	.01	.00	.04	.12	.055	24	.29
23*	.23	.10	.06	.07	.17	.14	.10	.10	.10	.13	.07	.04	.03	.01	.02	.04	.01	.01	.03	.01	.01	.00	.00	.02	.062	24	.31
24*	.03	.12	.09	.07	.02	.01	.00	.00	.02	.02	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.017	24	.16
25	.00	.02	.06	.09	.04	.03	.07	.01	.05	.07	.20	.21	.09	.11	.01	.05	.03	.04	.11	.04	.09	.00	.00	.01	.059	24	.30
26	.07	.10	.06	.05	.10	.08	.10	.09	.00	.00	.01	.00	.03	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.029	24	.18
27	.00	.00	.00	.00	.00	.01	.11	.02	.11	.09	.03	.06	.09	.02	.02	.02	.02	.10	.07	.07	.08	.06	.08	.01	.042	24	.25
28	.00	.00	.00	.01	.11	.04	.05	.01	.04						.03	.02	.01	.00	.01	.02	.01	.01	.00	.00	.018	19	.23
29	.00	.02	.00	.01	.11	.00	.02	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.009	24	.20
30*	.01	.04	.01	.03	.03	.03	.04	.05	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.06	.02	.00	.00	.015	24	.13
31*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.15
MEAN	.04	.05	.03	.04	.06	.05	.06	.05	.06	.05	.05	.03	.03	.03	.04	.04	.03	.03	.03	.03	.04	.03	.04	.03	.041		
NO	31	31	31	31	31	31	30	30	30	29	29	27	29	29	30	31	31	31	31	31	31	31	31	31		728	
MAX	.43	.18	.23	.29	.38	.36	.40	.22	.27	.26	.26	.21	.17	.19	.39	.27	.12	.13	.16	.08	.23	.14	.17	.22	.103		.65

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-294.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JUNE 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX.
1	.00	.00	.00	.01	.03	.07	.20	.14	.04	.02	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.021	23	.27
2	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.001	24	.03
3	.00	.00	.00	.00	.00	.00	.02	.06	.04	.00			.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.01	.009	22	.12
4	.01	.01	.04	.00	.00	.03	.09	.05	.02	.03	.02	.06	.04	.02	.01	.00	.00	.00	.00	.02	.00	.00	.03	.03	.021	24	.16
5	.04	.02	.03	.03	.00	.04	.01	.02	.00	.00	.01	.03	.00	.00	.00	.04	.02	.00	.00	.00	.00	.10	.09	.00	.020	24	.37
6*	.00	.00	.02	.01	.05	.07	.02	.17	.10	.05	.05	.00	.01	.02	.00	.00	.07	.02	.00	.00	.01	.00	.00	.00	.027	24	.24
7*	.00	.13	.10	.00	.04	.07	.03	.11	.06	.02	.02	.01	.00	.00	.00	.00	.00	.01	.02	.00	.02	.01	.02	.04	.029	24	.30
8	.09	.03	.00	.00	.00	.01	.01	.00	.02	.03	.03	.03	.04	.03	.03	.02	.01	.01	.00	.00	.00	.04	.13	.09	.027	24	.21
9	.17	.15	.09	.10	.19	.09	.09	.08	.10	.09	.10	.08	.07	.02	.01	.00	.00	.00	.00	.01	.05	.05	.04	.04	.066	24	.37
10	.00	.00	.00	.00	.00	.01	.02	.01	.01	.00				.00	.01	.00	.00	.00	.01	.04	.03	.02	.01	.10	.012	21	.18
11	.05	.02	.03	.07	.02	.07	.12	.02	.04	.03	.00	.02	.03	.07	.03	.03	.00	.00	.00	.00	.00	.05	.01	.10	.033	24	.22
12	.06	.08	.11	.11	.05	.04	.05	.10	.07	.05	.00	.00	.01	.02	.04	.09	.02	.00	.00	.00	.00	.00	.01	.00	.038	24	.19
13*	.02	.11	.07	.07	.10	.11	.12	.02	.01	.02	.02	.27	.24	.04	.09	.02	.10	.13	.00	.00	.00	.00	.00	.00	.068	24	.39
14*	.00	.00	.00	.00	.00	.00	.02	.06	.09	.03	.00	.00	.00	.00	.01	.02	.05	.08	.02	.00	.01	.02	.03	.04	.020	24	.18
15	.00	.00	.05	.09	.00	.01	.01	.00	.00	.01	.01	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.009	24	.19
16	.06	.07	.01	.00	.00	.05	.05	.07	.07	.07	.02	.04	.00	.00	.01	.01	.00	.00	.00	.00	.05	.21	.06	.14	.040	24	.28
17	.05	.13	.03	.00	.07	.18	.05	.02	.04	.01	.03	.02	.03	.04	.05	.00	.01	.04	.05	.03	.03	.00	.00	.00	.038	24	.25
18	.01	.01	.01	.00	.07	.11	.05	.06	.03	.02			.03	.02	.07	.08	.03	.03	.13	.16	.11	.02	.00	.01	.048	22	.30
19	.06	.06	.13	.15	.12	.09	.03	.05	.02	.03	.02	.02	.05	.01	.01	.02	.02	.02	.03	.00	.05	.05	.11	.05	.050	24	.17
20*	.00	.05	.04	.19	.05	.07	.07	.02	.07	.01	.00	.01	.03	.00	.01	.01	.01	.04	.08	.01	.00	.00	.01	.01	.033	24	.29
21*	.02	.03	.01	.03	.01	.00	.00	.03	.10	.08	.07	.05	.05	.08	.04	.03	.01	.00	.00	.00	.02	.01	.01	.00	.029	24	.29
22	.00	.06	.07	.02	.04	.02	.16	.08	.01	.01	.01	.00	.00	.01	.02	.08	.04	.08	.07	.00	.06	.03	.04	.02	.037	24	.28
23	.02	.00	.00	.00	.02	.05	.06	.01	.00	.02	.02	.01	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.009	24	.15
24	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.02	.01	.02	.004	24	.07
25	.01	.02	.01	.02	.02	.03	.03	.07	.09	.01	.05		.03	.05	.01	.01	.00	.00	.00	.00	.00	.02	.22	.01	.030	23	.40
26	.04	.01	.02	.05	.01	.01	.05	.16	.17	.16	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.031	24	.34
27*	.04	.30	.07	.00	.14	.08	.05	.19	.09	.02	.02	.01	.01	.00	.00	.01	.00	.00	.00	.02	.01	.01	.00	.00	.044	24	.58
28*	.11	.02	.07	.02	.04	.03	.03	.06	.06	.04	.02	.02	.00	.00	.00	.02	.00	.02	.05	.06	.03	.01	.01	.00	.029	24	.28
29	.00	.00	.13	.00	.00	.01	.01	.05	.07	.06	.02	.03	.02	.01	.04	.02	.11	.06	.08	.08	.00	.03	.03	.02	.035	24	.27
30	.02	.05	.08	.06	.01	.01	.05	.10	.05	.07	.06	.06	.11	.05		.05	.05	.06	.07	.04	.02	.07	.00	.01	.049	15	.23
MEAN	.03	.04	.04	.03	.04	.04	.05	.06	.05	.03	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.030		
NO.	30	30	30	30	30	30	30	30	30	30	27	26	29	30	28	30	30	30	30	30	30	30	30	30		710	
MAX.	.17	.30	.13	.19	.19	.18	.20	.19	.17	.16	.10	.27	.24	.08	.09	.09	.11	.13	.13	.16	.11	.21	.22	.14	.068		.58

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-295.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.01	.03	.02	.01	.05	.02	.01	.01	.03	.02	.04	.13	.07	.04	.04	.01	.00	.04	.13	.24	.19	.06	.04	.053	24	.42
2	.05	.00	.00	.00	.00	.01	.04	.01	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.007	24	.12
3	.02	.00	.04	.02	.06	.04	.06	.05	.00	.05	.07	.00	.02	.01	.01	.01	.00	.00	.00	.01	.03	.03	.03	.03	.023	24	.27
4*	.01	.04	.01	.02	.03	.09	.09	.03	.00	.03	.04	.02	.00	.00	.00	.00	.01	.01	.03	.04	.11	.10	.04	.06	.033	24	.14
5*	.02	.01	.00	.00	.01	.04	.00	.09	.04	.03	.07	.02	.02	.03	.03	.07	.02	.02	.02	.00	.00	.25	.06	.00	.035	24	.55
6	.00	.02	.16	.03	.03	.14	.17	.04	.06	.04	.03	.05	.03	.02	.03	.05	.03	.09	.03	.04	.00	.00	.00	.04	.046	24	.33
7	.01	.00	.01	.00	.02	.01	.07	.11	.02	.03	.01	.00	.02	.14	.07	.01	.00	.00	.00	.00	.00	.00	.04	.03	.024	24	.38
8	.01	.00	.01	.00	.00	.02	.04	.03	.03	.05	.02	.02	.04	.00	.02	.01	.10	.06	.06	.06	.04	.02	.04	.03	.029	24	.18
9	.04	.02	.01	.00	.00	.03	.05	.07	.07	.01			.01	.02	.00	.00	.01	.01	.03	.03	.05	.08	.09	.09	.034	22	.15
10	.06	.09	.06	.08	.06	.03	.12	.06	.05	.15	.10	.04	.11	.07	.03	.03	.03	.03	.12	.04	.04	.02	.00	.01	.060	24	.34
11*	.02	.10	.03	.18	.05	.01	.05	.04	.16	.05	.02	.00	.00	.01	.00	.01	.02	.01	.04	.02	.04	.00	.00	.01	.036	24	.39
12*	.05	.01	.00	.00	.00	.01	.02	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	24	.08
13	.00	.01	.00	.00	.01	.03	.02	.01	.01	.00	.00	.00	.00	.01	.01	.01	.02	.02	.00	.00	.00	.00	.01	.00	.007	24	.06
14	.00	.00	.00	.00	.01	.01	.03	.02	.01	.00	.00	.01	.00	.01		.01	.02	.03	.01	.03	.02	.05	.06	.32	.028	23	.41
15	.33	.19	.07	.07	.06	.11	.13	.12	.11	.11	.09	.06	.04	.04	.03	.02	.04	.01	.12	.35	.01	.14	.14	.07	.102	24	.64
16	.06	.08	.01	.00	.01	.02	.07	.15	.16	.20	.05		.00	.02	.03	.08	.07	.06	.16	.17	.11	.11	.11	.09	.079	23	.51
17	.03	.01	.06	.08	.07	.03	.08	.12	.11	.08	.05	.05	.06	.05	.03	.04	.02	.04	.04	.04	.14	.04	.02	.25	.063	24	.47
18*	.15	.01	.00	.00	.01	.00	.01	.05	.03	.01	.02	.01	.01	.01	.08	.10	.07	.05	.08	.07	.43	.32	.05	.12	.069	24	1.01
19*	.06	.09	.03	.01	.05	.07	.10	.03	.04	.07	.14	.10	.04	.05	.04	.04	.02	.02	.01	.01	.00	.00	.17	.04	.051	24	.42
20	.07	.11	.29	.04	.08	.07	.28	.21	.13	.10	.09	.05	.08	.20	.17	.19	.05	.01	.01	.00	.03	.12	.02	.03	.101	24	.67
21	.01	.11	.05	.13	.16	.09	.19	.20	.11	.02	.02	.10	.05	.38	.26	.17	.13	.03	.00	.02	.02	.07	.04	.04	.100	24	.80
22	.04	.08	.17	.08	.08	.05	.06	.43	.21	.19	.16	.06	.04	.03	.07	.12	.06	.05	.03	.01	.00	.01	.06	.02	.087	24	.65
23	.00	.01	.02	.01	.03	.06	.04	.13	.09	.06		.04	.05	.06	.06	.03	.11	.04	.02	.02	.01	.19	.19	.08	.057	23	.37
24	.03	.02	.12	.05	.05	.04	.06	.10	.10	.10	.06	.05	.06	.04	.05	.06	.07	.05	.03	.01	.04	.02	.01	.02	.081	24	.20
25*	.02	.07	.27	.09	.04	.09	.04	.04	.02	.04	.08	.04	.04	.12	.14	.23	.13	.06	.07	.05	.10	.04	.01	.01	.076	24	.38
26*	.02	.01	.00	.03	.08	.08	.04	.05	.04	.02	.03	.04	.06	.04	.04	.04	.02	.02	.02	.01	.01	.14	.39	.04	.053	24	.76
27	.01	.15	.05	.27	.05	.02	.04	.19	.16	.16	.04	.05	.10	.08	.06	.07	.12	.09	.04	.02	.01	.02	.05	.02	.077	24	.34
28	.08	.09	.04	.03	.03	.03	.09	.11	.06	.07	.03	.02	.03	.04	.11	.12	.09	.09	.23	.16	.03	.02	.02	.03	.068	24	.34
29	.03	.04	.04	.07	.09	.02	.04	.03	.04	.05	.03	.08	.08	.08	.08	.07	.07	.05	.05	.04	.03	.03	.10	.11	.055	24	.23
30	.08	.08	.07	.08	.05	.08	.08	.09	.24	.08	.21	.15							.00	.00	.00	.00	.19	.13	.088	18	.47
31	.33	.18	.09	.16	.03	.02	.14	.31	.17	.09	.14			.13	.07	.07	.04	.02	.00	.00	.00	.09	.53	.02	.119	22	.71
MEAN	.05	.05	.06	.05	.04	.04	.07	.09	.07	.06	.06	.04	.04	.06	.05	.06	.05	.03	.04	.04	.05	.07	.08	.06	.055		
NO.	31	31	31	31	31	31	31	31	31	31	29	28	29	30	29	30	30	30	31	31	31	31	31	31		731	
MAX	.33	.19	.29	.27	.16	.14	.28	.43	.24	.20	.21	.15	.13	.38	.26	.23	.13	.09	.23	.35	.43	.32	.53	.32	.119		1.01

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-296.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

ST. LOUIS, MO.

SULFUR DIOXIDE
AUG. 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.04	.04	.01	.01	.00	.00	.02	.07	.15	.12	.11	.06	.03	.04	.02	.02	.01	.01	.00	.09	.11	.06	.06	.00	.044	24	.20
2*	.03	.09	.12	.12	.10	.09	.05	.01	.00	.01	.01	.00	.02	.04	.04	.04	.04	.03	.06	.19	.13	.15	.06	.20	.066	24	.32
3	.08	.04	.11	.05	.04	.02	.01	.06	.06	.03	.04	.01	.00	.02	.02	.02									.037	10	.16
4																											
5	.07	.03	.12	.08	.10	.10	.06	.05	.14	.03	.05	.01	.00	.02	.02	.01	.04	.21	.26	.32	.73	.20	.04	.02	.111	24	.96
6	.03	.08	.08	.02	.04	.03	.04	.06	.08	.25	.12	.09	.12	.12	.08	.04	.05	.03	.03	.01	.16	.22	.12	.05	.080	24	.56
7	.02	.03	.05	.02	.07	.06	.06	.06	.10	.03	.02	.02	.03	.03	.02	.01	.01	.02	.00	.00	.02	.02	.01	.04	.031	24	.14
8*	.05	.01	.01	.02	.03	.02	.06	.12	.07	.09	.03	.03	.01	.01	.00	.00	.00	.00	.02	.02	.00	.02	.14	.07	.034	24	.27
9*	.01	.11	.07	.03	.01	.01	.00	.00	.03	.08	.08	.04	.09	.06	.04	.05	.01	.02	.00	.00	.03	.01	.00	.19	.039	24	.29
10	.06	.19	.03	.01	.02	.00	.01	.04	.09	.07	.03	.08	.10	.07	.04	.04	.04	.02	.02	.04	.08	.07	.14	.12	.058	24	.38
11	.12	.16	.15	.05	.07	.15	.07	.02	.02	.01	.00	.01	.01	.02	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.037	24	.23
12	.00	.00	.00	.00	.00	.01	.01	.01	.00				.00	.00	.00	.00	.00	.00	.00	.01	.03	.14	.15	.14	.023	21	.21
13	.12	.12	.16	.12	.15	.01	.03	.01	.00	.00	.00			.00	.00	.03	.01	.01	.03	.08	.01	.02	.09	.07	.048	22	.27
14	.02	.04	.02	.00	.01	.01	.02	.01	.05	.11	.13	.09	.04	.04	.03	.03	.03	.02	.00	.01	.01	.09	.01	.01	.034	24	.19
15*	.05	.02	.09	.10	.06	.01	.00	.01	.01	.00	.00	.00	.00	.04	.03	.02	.03	.02	.00	.00	.00	.00	.01	.02	.021	24	.20
16*	.04	.10	.05	.07	.09	.07	.12	.18	.10	.03	.05	.01	.03	.05	.07	.14	.03	.01	.00	.00	.00	.02	.02	.02	.054	24	.40
17	.21	.07	.05	.03	.05	.02	.05	.07	.10	.08	.04	.01	.01	.01	.00	.00	.00	.00	.01	.01	.01	.13	.06	.03	.043	24	.54
18	.03	.04	.01	.01	.01	.01	.05	.04	.16	.18	.28	.51	.55	.09	.24	.29	.22	.18	.09	.12	.11	.12	.11	.09	.146	24	.80
19	.01	.01	.02	.02	.03	.03	.04	.22	.18	.25	.17	.09	.11	.09	.05	.04	.05	.01	.07	.07	.16	.08	.10	.05	.081	24	.45
20	.10	.16	.05	.02	.01	.01	.06	.03		.00	.02	.01	.02	.03	.04	.06	.03	.04	.03	.00	.11	.11	.10	.07	.047	23	.19
21	.00	.00	.01	.03	.04	.02	.05	.05	.03	.02	.04	.02	.03	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.02	.016	24	.15
22*	.00	.00	.01	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.18
23*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.06
24																											
25																											
26																											
27	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.03	.03	.03	.03	.03	.02	.02	.03	.02	.02	.02	.02	.01	.01	.023	24	.07
28	.02	.02	.01	.02	.02	.02	.03	.04	.04	.03	.02	.03	.03	.03	.03	.04	.03	.02	.02	.03	.02	.02	.02	.02	.025	24	.10
29*	.02	.02	.02	.02	.02	.02	.03	.03	.15	.04	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03	.08	.05	.02	.03	.035	24	.30
30*	.02	.02	.02	.02	.02	.02	.02	.05	.05	.03	.03	.03	.03	.03	.03	.03	.03	.04	.07	.02	.02	.02	.03	.07	.030	24	.19
31	.04	.04	.05	.03	.09	.08	.16	.07	.04	.04	.04	.07	.13	.08	.08	.06	.03	.03	.03	.04	.08	.05	.07	.02	.060	24	.25
MEAN	.04	.05	.05	.03	.04	.03	.04	.05	.06	.06	.05	.05	.05	.04	.03	.04	.03	.03	.03	.04	.07	.06	.05	.05	.046		
NO.	27	27	27	27	27	27	27	27	26	26	26	25	26	27	27	27	26	26	26	26	26	26	26	26		634	
MAX	.21	.19	.16	.12	.15	.15	.16	.22	.18	.25	.28	.51	.55	.12	.24	.29	.22	.21	.26	.32	.73	.22	.15	.20	.146		.96

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-297.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	.06	.13	.05	.04	.06	.06	.04	.03	.03	.03	.06	.03	.03	.03	.03	.03	.02	.02	.02	.02	.05	.02	.03	.02	.040	24	.23
2	.09	.02	.02	.01	.06	.06	.02	.09	.06	.06	.03	.05	.10	.10			.11	.01	.01	.01	.01	.01	.01	.02	.040	22	.24
3	.04	.05	.02	.01	.01	.02	.04	.09	.15	.15	.12	.09	.05	.07	.06	.09	.07	.05	.04	.05	.09	.07	.14	.08	.067	24	.20
4	.05	.06	.05	.03	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.05	.06	.08	.06	.06	.06	.07	.046	24	.09
5*	.10	.09	.09	.14	.14	.14	.13	.09	.13	.09	.08	.09	.09	.09	.10	.11	.11	.10	.10	.11	.09	.22	.18	.12	.113	24	.39
6*	.12	.11	.16	.18	.11	.25	.24	.22	.12	.13	.13	.13	.11	.12	.13	.12	.14	.11	.12	.10	.12	.12		.09	.137	23	.56
7	.08	.07	.07	.07	.07	.07	.07	.10	.18	.25	.12	.11	.12	.12	.12	.12	.12	.13	.14	.09	.08	.08	.12	.14	.110	24	.37
8	.11	.10	.07	.07	.07	.07	.08	.10	.19	.16	.14	.12	.10	.11	.11	.11	.15	.07	.10	.06	.06	.05	.06	.10	.097	24	.30
9	.09	.18	.08	.06	.08	.14	.17	.16	.10	.06	.06	.09	.07	.07	.07	.08	.08	.08	.05	.07	.10	.05	.16	.18	.096	24	.42
10	.13	.11	.14	.16	.20	.23	.17	.14	.08		.07	.08	.07	.10	.09	.06	.05	.04	.02	.09	.07	.05	.04	.03	.097	23	.38
11	.04	.06	.06	.05	.09	.05	.03	.07	.07	.09	.07	.05	.05	.05	.06	.07	.08	.11	.16	.10	.13	.14	.04	.04	.072	24	.26
12*	.04	.04	.04	.05	.06	.08	.08	.10	.08	.07	.05	.04	.05	.04	.03	.02	.03	.02	.02	.03	.05	.11	.11	.13	.056	24	.17
13*	.09	.09	.07	.05	.06	.06	.06	.09	.06	.03	.05	.04	.04	.03	.04	.04	.04	.05	.04	.06	.03	.02	.03	.03	.050	24	.12
14	.04	.19	.28	.46	.18	.15	.23	.14	.23	.20	.17	.10	.08	.07	.07	.06	.05	.03	.08	.11	.04	.04	.14	.20	.138	24	.36
15	.10	.23	.17	.16	.14	.11	.21	.07	.06	.10	.13	.16	.30	.26	.19	.12	.07	.07	.06	.04	.13	.05	.08	.09	.128	24	.37
16	.08	.05	.03	.07	.06	.07	.19	.17	.12	.19	.24	.09	.05	.06	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04	.078	24	.36
17	.04	.05	.05	.04	.04	.04	.06	.05	.05			.04	.04	.04	.04	.04	.04	.04	.04	.06	.06	.04	.04	.05	.045	22	.10
18	.04	.05	.04	.04	.04	.05	.04	.04	.04	.04	.05	.05	.05	.05	.04	.05	.05	.04	.05	.04	.04	.05	.05	.04	.044	24	.13
19*	.07	.06	.06	.05	.04	.05	.05	.05	.07	.06	.05	.06	.06	.06	.06	.06	.06	.05	.05	.04	.05	.07	.05	.05	.054	24	.27
20*	.05	.05	.05	.05	.04	.05	.05	.05	.06	.06	.05	.06	.05	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05	.05	.051	24	.14
21	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.05	.05	.09	.03	.03	.03	.03	.03	.03	.03	.03	.02	.05	.06	.045	24	.21
22	.08	.05	.04	.04	.03	.04	.03	.05	.04	.08	.06	.04	.04	.05	.07	.07	.06	.04	.10	.08	.09	.07	.04	.04	.054	24	.12
23	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.04	.03	.05	.05	.07	.05	.06	.05	.06	.04	.06	.08	.07	.05	.044	24	.10
24	.02	.04	.06	.03	.02	.03	.06	.04	.02	.02			.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.05	.04	.031	22	.10
25	.03	.06	.17	.11	.12	.06	.06	.03	.03	.07	.10	.13	.08	.09	.11	.06	.04	.02	.05	.04	.08	.02	.03	.03	.067	24	.35
26*	.11	.14	.05	.02	.08	.05	.02	.03	.07	.04	.05	.07	.03	.10	.07	.07	.04	.12	.04	.07	.03	.09	.07	.04	.063	24	.19
27*	.03	.03	.02	.02	.02	.02	.03	.03	.02	.02	.03	.03	.03	.02	.02	.02	.02	.03	.04	.11	.13	.10	.04	.05	.036	24	.19
28	.05	.02	.05	.02	.03	.06	.12	.10	.08	.07	.03	.04	.05	.05	.04	.06	.07	.04	.04	.04	.05	.12	.04	.04	.055	24	.31
29	.06	.06	.08	.09	.07	.05	.07	.11	.12	.14	.07	.15				.02	.02	.02	.03	.03	.04	.08	.05	.02	.065	21	.24
30	.02	.03	.12	.05	.06	.09	.12	.14	.10	.14	.03	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03	.03	.03	.28	.060	24	1.01
MEAN	.06	.08	.07	.07	.07	.08	.09	.08	.08	.09	.08	.07	.07	.07	.06	.06	.06	.05	.06	.06	.06	.07	.07	.07	.069		
NO.	30	30	30	30	30	30	30	30	30	28	28	29	29	29	28	29	30	30	30	30	30	30	29	30		709	
MAX.	.13	.23	.28	.46	.20	.25	.24	.22	.23	.25	.24	.16	.30	.26	.19	.12	.15	.13	.16	.11	.13	.22	.18	.28	.138		1.01

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-298.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

SULFUR DIOXIDE
OCT. 1964

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.21	.27	.03	.03	.03	.04	.03	.04	.06	.11	.07	.03	.03	.03	.02	.04	.02	.03	.02	.04	.04	.01	.02	.03	.092	24	.85
2	.03	.09	.09	.05	.02	.02	.02	.03	.04	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.05	.04	.030	24	.15
3*	.03	.03	.03	.03	.03	.04	.05	.20	.20	.11	.02	.02	.03	.06	.06	.06	.07	.05	.05	.32	.03	.02	.02	.02	.065	24	.55
4*	.02	.03	.03	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.022	24	.05
5	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.04	.04	.04	.05	.024	24	.07
6	.05	.03	.03	.04	.06	.06	.09	.12	.13	.11	.08	.04	.03	.02	.03	.02	.03	.03	.04	.05	.08	.14	.11	.09	.062	24	.30
7	.09	.06	.06	.19	.06	.04	.05	.18	.18	.13	.09	.08	.05	.06	.04	.05	.03	.04	.06	.05	.02	.02	.02	.02	.069	24	.51
8	.02	.07	.08	.14	.12	.11	.11	.05	.03	.03		.02	.02	.04	.03	.02	.03	.03	.03	.03	.02	.02	.02	.02	.047	23	.17
9	.03	.03	.02	.02	.03	.05	.05	.05	.03	.02	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.04	.07	.14	.12	.039	24	.16
10*	.11	.13	.16	.15	.09	.09	.09	.41	.59	.13	.08	.07	.05	.03	.05	.04	.04	.03	.07	.09	.06	.05	.06	.10	.114	24	.87
11*	.07	.06	.05	.08	.06	.05	.50	.53	.14	.09	.04	.03	.05	.04	.04	.05	.03	.02	.23	.41	.20	.10	.07	.02	.123	24	.99
12	.03	.03	.04	.05	.05	.04	.06	.07	.14	.11	.03	.03	.03	.02	.03	.04	.03	.02	.02	.04	.02	.07	.11	.12	.051	24	.22
13	.12	.14	.13	.09	.06	.08	.08	.17	.18	.13	.12	.15	.15	.19	.10	.08	.05	.07	.08	.08	.10	.12	.11	.12	.112	24	.53
14	.08	.09	.09	.08	.11	.15	.15	.35	.33	.41	.33	.10	.14	.09	.08	.07	.06	.07	.05	.06	.14	.16	.14	.18	.146	24	.60
15	.22	.18	.22	.21	.21	.21	.23	.29	.35	.37	.28	.25	.15	.08	.08			.09	.07	.07	.11	.17	.12	.19	.187	22	.46
16	.19	.14	.13	.10	.14	.13	.14	.21	.32	.31	.28	.21	.17	.17	.13	.10	.14	.08	.13	.18	.18	.16	.12	.12	.164	24	.44
17*	.15	.28	.12	.11	.07	.07	.09	.09	.09	.17	.16	.14	.05	.05	.04	.05	.23	.43	.07	.04	.04	.04	.06	.05	.111	24	.91
18*	.06	.08	.04	.04	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.05	.05	.04	.044	24	.10
19	.04	.04	.04	.05	.04	.06	.08	.08	.06	.05	.04	.04	.04	.04	.04	.04	.04	.05	.04	.05	.04	.04	.04	.04	.046	24	.09
20	.04	.04	.04	.05	.07	.10	.09	.17	.14	.11		.03					.05	.08	.08	.09	.15	.17	.19	.14	.096	19	.26
21	.12	.07	.04	.07	.08	.07	.07	.08	.07	.08	.04	.02	.02	.02	.02	.02	.02	.04	.03	.06	.08	.14	.15	.17	.064	24	.22
22	.11	.12	.11	.11	.09	.08	.16	.18	.10	.22	.06	.18			.01	.01	.02	.03	.05	.09	.16	.14	.27	.31	.116	22	.52
23	.27	.23	.17	.10	.10	.08	.18	.16	.22	.13	.08	.07	.05	.08	.22	.24	.24	.20	.06	.10	.15	.05	.03	.02	.134	24	.46
24*	.01	.01	.03	.02	.03	.04	.04	.03	.04	.01	.00	.02	.04	.05	.04	.02	.01	.02	.02	.02	.03	.01	.01	.01	.022	24	.10
25*	.01	.06	.07	.02	.02	.02	.01	.06	.16	.09	.12	.14	.03	.02		.04	.04	.04	.05	.05	.05	.05	.05	.05	.053	23	.23
26	.05	.05	.05	.05	.07	.07	.08	.08	.07	.07	.06	.05	.05	.06	.05	.05	.06	.05	.05	.05	.06	.05	.05	.05	.058	24	.09
27	.06	.05	.05	.05	.05	.08	.05	.09	.08	.05	.06	.07	.07	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.057	24	.19
28	.05	.05	.05	.05	.06	.05	.05	.06	.07	.06	.05										.05	.03	.06	.05	.053	15	.11
29	.06	.05	.05	.05	.07	.07	.06	.07	.05	.08	.09	.07	.07	.07	.09	.11	.11	.11	.11	.09	.10	.10	.10	.10	.081	24	.19
30		.11	.10	.10	.10	.11	.11	.11	.23	.26	.14	.13	.11	.11	.10	.11	.12	.12	.12	.12	.12	.12	.12	.13	.125	23	.44
31*	.12	.21	.12	.14	.12	.12	.12	.13	.14	.14	.13					.02	.02	.02	.03	.03	.04	.03	.03	.07	.088	20	.48
MEAN	.08	.09	.07	.07	.07	.07	.09	.13	.14	.12	.09	.07	.06	.05	.05	.05	.06	.06	.06	.08	.07	.07	.08	.08	.079		
NO.	30	31	31	31	31	31	31	31	31	31	29	29	27	27	27	28	29	30	30	30	31	31	31	31		719	
MAX.	.27	.28	.22	.21	.21	.21	.50	.53	.59	.41	.33	.25	.17	.19	.22	.24	.24	.43	.23	.41	.20	.17	.27	.31	.187		.99

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-299.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	.06	.03	.03	.02	.02	.02	.02	.02	.04	.04	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.05	.05	.03	.030	24	.17
2	.03	.03	.03	.03	.03	.02	.03	.03	.04	.03	.03	.03	.05	.04	.04	.05	.04	.04	.04	.04	.08	.14	.04	.05	.042	24	.18
3	.08	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.10	.03	.05	.037	24	.20
4	.12	.13	.06	.06	.13	.16	.18	.10	.06	.06	.07	.05	.04	.04	.04	.04	.04	.04	.04	.03	.03	.05	.05	.13	.072	24	.28
5	.04	.04	.04	.04	.03	.03	.04	.04	.03	.05	.17	.04			.01	.00	.01	.01	.01	.04	.05	.05	.04	.11	.042	22	.43
6	.12	.04	.04	.03	.01	.01	.06	.03	.08	.16	.05	.03	.04	.17	.04	.02	.04	.08	.03	.01	.18	.01	.02	.03	.054	24	.49
7*	.03	.02	.01	.05	.03	.02	.02	.03	.06	.04	.26	.06	.07	.03	.02	.03	.01	.02	.04	.05	.04	.06	.05	.08	.046	24	.37
8*	.04	.06	.03	.03	.02	.02	.02	.02	.03	.03	.03	.17	.03	.09	.05	.07	.03	.08	.07	.07	.05	.00	.00	.00	.042	24	.31
9	.00	.00	.00	.01	.03	.03	.06	.10	.14	.14	.13	.09	.05	.04	.04	.04	.04	.13	.09	.10	.00	.00	.04	.12	.059	24	.27
10	.16	.36	.22	.12	.08	.09	.15	.15	.16	.18	.13	.12	.06	.01	.03	.07	.07	.08	.07	.04	.01	.00	.03	.07	.101	24	.41
11	.09	.09	.08	.01	.02	.02	.01	.00	.00	.04	.02	.01	.01	.02	.04	.00	.01	.01	.01	.05	.00	.04	.04	.01	.025	24	.13
12	.02	.03	.00	.01	.05	.05	.04	.04	.01	.00		.00	.02	.01	.01	.01	.03	.01	.01	.02	.03	.03	.03	.04	.020	23	.15
13	.04	.05	.02	.03	.03	.04	.07	.07	.18	.13	.22	.13	.03	.04	.05	.06	.25	.26	.41	.04	.05	.02	.04	.08	.097	24	.07
14*	.07	.08	.16	.25	.07	.07	.11	.12	.18	.22	.14	.08	.07	.04	.07	.05	.04	.07	.10	.06		.10	.07	.06	.097	23	.39
15*	.05	.06	.06	.04	.04	.03	.04	.09	.06	.06	.04	.10	.06	.07	.09	.05	.03	.08	.07	.25	.09	.03	.22	.05	.073	24	.43
16	.03	.02	.04	.04	.04	.06	.13	.10	.07	.07	.07	.08	.06	.04	.04	.04	.05	.06	.04	.07	.07	.10	.09	.08	.061	24	.26
17	.04	.06	.07	.08	.09	.10	.11	.19	.17	.17	.30	.55	.30	.22	.17	.12	.10	.10	.08	.12	.13	.07	.06	.05	.144	24	.61
18	.06	.05	.04	.04	.06	.06	.05	.08	.13	.11	.14	.14	.19	.19	.08	.07	.10	.14	.09	.09	.11	.05	.06	.08	.090	24	.36
19	.07	.12	.08	.25	.06	.13	.14	.18	.15	.14	.07			.05	.02	.01	.01	.02	.02	.04	.03	.07	.05	.07	.080	22	.63
20	.08	.03	.01	.02	.08	.15	.11	.21	.15	.11	.09	.03	.10	.07	.01	.01	.02	.02	.02	.02	.01	.02	.02	.02	.057	24	.33
21*	.01	.02	.01	.02	.02	.02	.02	.03	.03	.02	.01	.03	.04	.03	.03	.02	.02	.03	.05	.07	.08	.08	.09	.11	.035	24	.13
22*	.13	.11	.09	.08	.13	.09	.10	.19	.24	.09	.19	.12	.07	.06	.04	.07	.06	.18	.13	.03	.03	.03	.12	.22	.107	24	.29
23	.25	.19	.25	.41	.23	.24	.30	.41	.30	.41	.53	.41	.19	.18	.11	.17	.14	.06	.07	.06	.16	.55	.34	.13	.262	241	.16
24	.07	.11	.09	.06	.04	.03	.04	.10	.22	.47	.52	.27	.17	.28	.17	.13	.07	.13	.09	.09	.14	.11	.05	.06	.145	24	.84
25	.10	.17	.20	.18	.18	.18	.17	.22	.41	.34	.38	.18	.10	.08	.06	.05	.07	.15	.16	.11	.07	.29	.24	.20	.178	24	.61
26	.23	.24	.21	.20	.16	.08	.07	.05	.05	.04	.04	.03	.04	.03	.03	.04	.09	.08	.22	.22	.12	.09	.07	.09	.104	24	.33
27	.07	.07	.07	.04	.05	.06	.18	.10	.09	.08	.18	.22	.06	.06		.09	.08	.04	.04	.11	.05	.07	.06	.15	.080	23	.38
28*	.20	.19	.02	.01	.01	.02	.02	.04	.04	.06	.07	.05	.04	.06	.14	.05	.03	.05	.06	.07	.06	.07	.05	.04	.060	24	.43
29*	.03	.04	.04	.09	.17	.19	.17	.12	.25	.12	.09	.14	.15	.06	.07	.04	.04	.06	.06	.07	.07	.07	.06	.05	.092	24	.85
30	.03	.04	.04	.04	.04	.06	.09	.11	.11	.10	.11	.11	.11	.08	.09	.12			.25	.31	.15	.08	.08	.10	.102	22	.34
MEAN	.08	.08	.07	.08	.07	.07	.09	.10	.12	.12	.14	.11	.08	.07	.06	.05	.05	.07	.08	.08	.07	.08	.07	.08	.082		
NO.	30	30	30	30	30	30	30	30	30	30	29	29	28	29	29	30	29	29	30	30	29	30	30	30		711	
MAX.	.25	.36	.25	.41	.23	.24	.30	.41	.41	.47	.53	.55	.30	.28	.17	.17	.25	.26	.41	.31	.18	.55	.34	.22	.262		1.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-300.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
DEC. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1 2 3 4 5*	.12	.07	.07	.09	.09	.06	.04	.03	.03	.03	.06	.03	.02	.05	.05	.02	.03	.05	.02	.03	.01	.00	.01	.02	.039	24	.17
6* 7 8 9 10																											
11 12* 13* 14 15																											
16 17 18 19* 20*																											
21																											
22	.01	.01	.01	.02	.01	.03	.03	.03	.05	.03	.02	.07	.03	.04	.05	.14	.07	.09	.16	.06	.10	.04	.03	.02	.047	24	.25
23	.02	.02	.02	.02	.00	.00	.01	.01	.03	.07	.03	.02	.03	.02	.04	.01	.03	.04	.03	.01	.07	.07	.05	.03	.028	24	.17
24	.05	.01	.01	.01	.00	.01	.04	.19	.08	.06	.02	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.02	.02	.022	24	.29
25	.03	.04	.07	.08	.11	.04	.03	.09	.06	.10	.04	.04	.04	.05	.04	.02	.08	.05	.06	.03	.02	.02	.02	.02	.046	24	.24
26*	.02	.02	.01	.01	.02	.02	.03	.03	.04	.03	.03	.03	.03	.03	.01	.01	.01	.01	.02	.02	.02	.02	.02	.04	.021	24	.05
27*	.06	.07	.06	.08	.11	.12	.13	.19	.15	.14	.15	.10	.13	.10	.08	.07	.02	.03	.03	.02	.02	.01	.02	.01	.076	24	.22
28	.03	.02	.02	.02	.02	.02	.12	.07	.07	.04	.03	.04	.03	.07	.05	.04	.10	.05	.06	.02	.15	.20	.11	.03	.059	24	.26
29	.11	.08	.04	.07	.08	.10	.04	.04	.02	.01	.01	.02	.02	.01	.02	.09	.07	.06	.06	.00	.04	.10	.00	.15	.051	24	.25
30	.05	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.03	.04	.06	.04	.04	.06	.04	.022	22	.12
31	.08	.03	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.04	.04	.02	.02	.01	.021	24	.13
MEAN																											
NO.	11	11	11	11	11	11	11	11	11	11	11	11	10	10	11	11	11	11	11	11	11	11	11	11		262	
MAX.	.12	.08	.07	.08	.11	.12	.13	.15	.15	.14	.15	.10	.13	.10	.08	.14	.10	.09	.16	.06	.15	.20	.11	.15	.076		.29

* Indicates Saturday or Sunday
Local standard time used

TABULATED TMU., DEC. 5, 1968

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-301.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

ST. LOUIS, MISSOURI
TOTAL HYDROCARBON
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
MEAN																											
NO																											
MAX																											

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-302.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

ST. LOUIS, MISSOURI
TOTAL HYDROCARBON
FEB. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
MEAN																											
NO.																											
MAX																											

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED

Table 3-303.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

ST. LOUIS, MO.

TOTAL HYDROCARBON
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
26*																											
27																											
28																											
29																											
30																											
31																											
							NO VALID DATA																				
MEAN																									0.00		
NO.																										.0	
MAX.																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-304.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

TOTAL HYDROCARBON
APRIL 1964

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3																											
4*																											
5*																											
6																											
7																											
8																											
9																											
10	3.2	3.1	3.5	4.0	4.0	3.9	4.0	4.4	4.5	4.1	4.3	4.3	4.0	4.1	4.7	4.3	5.0	5.3	4.2	4.3	4.1	4.2	4.3	4.0	4.14	24	9.0
11*	4.0	4.0	4.0	4.0	4.1	4.2	4.3	5.3	5.1	4.2		4.5	4.5	4.8	6.5	5.7	4.4	4.3	4.2	4.4	4.1	4.0	4.1	4.0	4.53	23	11.0
12*	4.0	3.9	3.8	3.3	3.2	3.1	3.4	3.7	3.7	3.9	3.8	3.8	3.3	3.7		3.8	3.3	3.3	3.3	3.8	3.3	3.4	3.7	3.2	3.53	23	5.0
13	2.4	2.0	2.3	3.0	3.0	3.0	3.8	4.3	4.3	4.0	4.0	4.2	4.0	4.3	5.5	4.7	5.1	4.8	5.0	5.1	5.0	5.0	5.0	5.1	4.10	24	7.0
14	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	6.0												4.5	4.6	4.6	4.98	13	7.0
15	4.2	4.4	4.5	4.7	5.0	4.8	5.7	7.3	5.5									2.3	2.0	4.7	5.3	5.5	5.5	5.1	4.76	16	9.0
16	5.0	5.0	5.0	5.0	5.3	6.2	6.2	6.1	6.1	4.9	3.5	3.8	3.7	3.7	6.2	4.3	4.3	4.3	3.4	3.0	3.2	3.3	3.2	3.5	4.49	24	7.0
17	3.4	3.2	3.2	3.3	3.6	4.7	5.5	5.8	5.6	7.0	6.9	6.9	7.1	6.6	6.1	6.1	6.1	5.7	5.3	5.9	6.7	6.5	6.7	6.6	5.58	24	8.0
18*	6.1	6.1	5.3	4.6	4.7	4.7	5.0	5.3	5.0	5.3	5.1	5.8	5.9	6.1	8.3	5.8	6.1	5.8	5.4	5.3	6.3	5.3	6.5	6.6	5.66	24	10.0
19*	6.1	5.0	4.5	5.3	6.4	6.7	7.5	6.3	5.6	5.3	5.0	5.4	5.3		6.8	6.5	4.8	4.0	4.5	4.4	5.1	5.4	5.9	5.8	5.52	23	9.0
20	4.6	4.3	4.7	5.0	4.8	4.1	4.9	6.3	5.2	4.3	4.4	5.2	5.3	5.6	7.8	5.3	6.3	6.2	5.2	5.9	5.9	6.3	4.2	3.8	5.23	24	10.0
21	5.0	4.9	4.9	4.3	4.6	4.5	4.0	6.4	6.0	3.9	4.6	5.2	4.6	5.4	7.5	8.4	7.9	4.7	4.6	4.1	4.1	3.6	5.0	4.2	5.09	24	10.0
22																											
23	2.3	2.3	2.6	2.3	2.1	2.3	2.6	3.4										2.1	2.3	2.1	2.7	2.4	2.1	2.4	2.38	15	4.0
24	2.3	2.3	2.8	2.1	2.4	3.0	2.6		3.1									1.7	2.8	2.3	1.6	1.9	2.0	2.3	2.38	14	4.0
25*	1.9	2.1	1.9	2.3	2.2	2.0	2.2	2.8	1.9	4.3	2.3	2.4	2.4	2.4	4.5	3.3	2.1	1.7	1.7	2.4	1.9	1.8	2.3	2.0	2.27	24	6.0
26*	2.0	1.7	2.1	1.8	1.5	4.3	2.3	1.8	1.4	1.5	1.6		2.0		3.3	2.8	1.7	2.0	1.6	1.4	1.3	1.8	1.1	1.1	1.81	22	6.0
27	1.6	1.2	1.7		1.6	3.5	4.2	3.3	2.3	2.0	2.2	2.5	2.7	2.3				2.3	2.4	2.3	2.5	2.4	3.1	2.8	2.43	20	7.0
28	2.9	3.0	2.8	2.5	3.0	2.7	3.5	3.7	2.0	1.1	1.6	2.9	3.0	3.0	3.9	3.3	3.1	2.6	2.8	2.5	3.1	3.3	2.7	2.8	2.82	24	6.0
29	2.3	2.3	2.2	2.6	2.6	2.8	3.0	2.7	2.1	2.4	3.6	3.5	3.3	2.0	2.4	3.3	3.1	2.9	2.9	3.4	2.7	1.5	2.7	3.3	2.72	24	5.0
30	3.4	2.9	3.1	3.0	3.0	1.8	2.0	2.8	4.0	3.3	3.2	2.8	3.1	2.4	1.2	2.6	3.2	2.9	3.1	3.2	4.0	3.6	3.3	2.7	2.93	24	5.0
MEAN	3.6	3.4	3.5	3.6	3.6	3.7	4.1	4.6	4.1	3.8			4.0					3.7	3.5	3.7	3.8	3.8	3.9	3.8	3.91		
NO	20	20	20	19	20	20	20	19	19	17	15	15	16	14	14	15	15	18	19	19	19	20	20	20		433	
MAX	6.1	6.1	5.3	5.3	6.4	6.7	7.3	7.3	6.1	7.0	6.9	6.9	7.1	6.6	8.5	8.4	7.9	6.2	5.4	5.9	6.7	6.5	6.7	6.6	5.66		11.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-305.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1	0.2	0.5	2.8	2.2	2.4	4.3	5.3	4.3	3.4	2.3	1.8	1.3	0.3	0.3	1.3	3.0	2.4	1.0	1.3	1.6	1.5	1.3	1.4	1.4	1.96	24	7.0
2*	1.8	1.0	1.0	1.0	2.3	2.8	2.9	2.7	1.2	1.0	2.3	1.9	1.0	1.8	2.6	2.0	1.8	1.5	1.6	1.5	1.7	1.8	1.8	1.0	1.74	24	4.0
3*	1.0	1.0	1.0	1.8	1.0	1.6	2.9	2.0	2.4	2.1	1.6	1.1	1.3	2.2	2.7	3.4	3.1	3.3	2.9	3.1	2.3	1.0	1.0	1.6	1.96	24	4.0
4	2.3	2.0	2.1	1.9	2.4	2.9	3.1	2.8	2.7		2.3	1.9	2.3	2.3	2.8	3.0	2.0	1.1	1.6	1.3	1.3	2.0	1.7	1.5	2.13	23	5.0
5	2.3	2.4	2.0	2.9	2.4	3.4	5.3	3.4	3.3	3.3	3.3	3.0	3.2	3.2	4.2	3.9	3.8	2.4	1.5	1.1	1.8	2.8	3.1	2.6	2.93	24	7.0
6	2.3	2.4	2.3	2.0	3.0	3.3	3.8	3.3	3.4	2.4	1.9	2.3	2.9	3.0	2.9	3.3	3.3	2.6	2.4	2.1	1.5	2.8	3.2	2.9	2.71	24	6.0
7	2.8	2.5	2.7	2.3	2.3	3.1	4.3	3.6	3.3	3.5	3.6	2.8	3.1	2.8	3.8	5.0	3.1	2.3	1.2	1.8	1.9			1.6	2.86	22	6.0
8	1.4	1.4	1.3	1.4	1.8	2.2	2.9	1.3	1.9	2.0	2.2	2.7	2.3	2.3	3.7	2.6	1.9	1.3	1.5	1.5	1.7	1.8	2.3	2.4	1.98	24	5.0
9*	2.8	2.9	2.9	2.8	3.2	3.5	3.7	3.9	3.8	4.1	4.3	3.6	3.8	3.8	3.5	3.2	2.9	2.1	2.1	3.7	4.2	4.7	5.0	4.8	3.54	24	5.0
10*	4.3	4.4	4.7	4.8	5.2	5.0	4.9	5.1	4.3	3.8	3.5	3.8	4.2	4.0	4.1	3.0	2.9	2.8	2.8	2.2	2.0	3.2	3.1	2.6	3.77	24	6.0
11	2.3	2.6	2.4	2.5	2.8	2.9	3.3	2.9	3.0	3.3	3.4	2.6	2.8	1.8	1.2	2.4	3.0	2.0	2.2	2.5	2.6	2.6	2.3	3.0	2.58	24	5.0
12	3.0	2.7	2.9	2.8	2.9	2.0	2.4	3.1	3.2	3.6	2.8	2.8	2.5	2.7	3.0	2.6	2.6	2.8	2.8	3.1	3.6	3.5	3.5	3.2	2.90	24	5.0
13	2.3	1.5	2.7	2.9	2.8	2.9	3.3	3.5							1.0	1.4	1.4	1.7	2.1	1.8	2.2	2.1	2.4	2.8	2.26	18	4.0
14	2.8	2.5	2.7	2.8	3.2	3.6	4.1	4.2	3.9	3.8	3.3	3.3	3.4	3.3	3.7	4.2	3.8	2.8	3.1	3.7	3.6	3.3	3.8	3.3	3.40	24	6.0
15	3.3	3.7	2.9	2.5	3.1	3.4	5.2	4.3	3.8	3.8	4.1	3.8	3.6	3.4	4.7	5.4	3.9	2.9	2.5	2.8	3.0	2.9	2.8	2.8	3.51	24	9.0
16*	2.8	2.7	3.0	2.9	3.0	3.2	3.6	3.5	3.1	3.0	2.7	2.8	2.4	2.4	3.1	2.3	2.3	1.8	1.9	2.4	2.1	2.5	3.8	3.6	2.77	24	5.0
17*	3.3	3.3	3.0	3.3	3.4	4.6	3.7	3.2	2.8	2.9	2.7	2.8	2.4	2.3	3.4	2.3	2.0	2.0	2.0	1.3	1.8	1.7	2.3	2.7	2.70	24	6.0
18																											
19																											
20																											
21																											
22																											
23*																											
24*																											
25																											
26																											
27																											
28	1.0	0.9	1.0	1.0	1.0	1.0	1.7	2.0	1.8	2.0	2.0	2.1	2.0	2.0	1.9	2.6	2.9	2.0	2.0	2.2	2.6	2.6	2.9	3.0	1.92	24	4.0
29	3.0	2.9	3.0	3.0	2.9	3.1	4.0	3.3	2.9	2.6	2.1	1.8	2.1	1.9	1.9	2.2	1.7	1.2	1.3	1.0	1.3	1.6	1.9	1.9	2.27	24	5.0
30*	1.5	1.6	2.1	2.1	2.0	2.1	2.2	2.0	2.3	2.0	2.0	2.0	2.1	2.8	2.5	2.5	2.1	2.3	2.3	2.6	2.8	2.2	3.1	3.1	2.24	24	4.0
31*	3.6	3.9	3.6	3.5	3.0	2.8	2.8	3.0	2.8	2.8	2.8	2.6	2.8	3.0	3.0	3.0	2.9	2.9	2.8	2.2	2.3	2.7	2.6	2.3	2.89	24	5.0
MEAN	2.4	2.3	2.5	2.5	2.7	3.0	3.6	3.4	3.0	2.8	2.7	2.5	2.5	2.6	2.9	3.0	2.6	2.1	2.1	2.1	2.3	2.4	2.7	2.6	2.62		
NO	21	21	21	21	21	21	21	21	20	19	20	20	20	20	21	21	21	21	21	21	21	20	20	21		495	
MAX	4.3	4.4	4.7	4.8	5.2	5.0	5.9	5.1	4.3	4.1	4.3	3.8	4.2	4.0	4.7	5.4	3.9	3.3	3.1	3.7	4.2	4.7	5.0	4.8	3.77		9.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-306.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JUNE 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	2.7	2.5	2.6	2.8	3.0	3.0	3.8	3.6	3.6	3.0	2.9	2.9	3.0	2.5						1.1	1.9	2.0	2.3	2.1	2.65	19	3.0
2																											
3																											
4	2.2	1.7	2.2	3.2	2.7	2.9	3.8	4.4	3.1	3.9	4.7	4.1	4.5	5.3	4.9	5.8	4.8	3.7	4.2	3.1	2.8		3.9	3.9	3.71	23	8.0
5																											
6*																											
7*	2.0	2.0	2.0	2.0	2.0	2.3	3.3	2.2	2.6	2.4	2.2	2.3	2.1	2.2	3.9	3.5	2.6	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.32	24	6.0
8																											
9																											
10																											
11		2.3	2.6	2.7	3.0	2.9	3.9	3.6	3.2	3.3	2.8	2.7	2.7	2.6	3.5	3.1	3.4		2.3	2.3	2.0	2.8			2.87	20	6.0
12																											
13*																											
14*																											
15										3.4	3.2	3.5	3.5	3.0		2.9	2.2	2.0	2.4	2.6	2.8	2.8	2.7	2.6	2.82	14	4.0
16	2.6	2.8	2.5	2.8	2.8	3.5	4.0	4.5	4.7	4.7	4.3	3.9	4.0	4.1	4.0	4.6	4.7	3.4	3.1	3.4	3.5	3.4	3.4	3.2	3.65	24	8.0
17	3.3	3.4	3.0	2.8	3.3	3.7	4.6	3.9	4.1	3.4	3.5	3.3	3.4	3.7	3.8	4.0	4.1	3.3	3.3	3.3	3.4	3.3	3.0	2.8	3.48	24	7.0
18	2.9	3.3	3.1	2.9	3.1	3.8	4.3	3.8	3.2	2.9	3.3	3.0	2.9	4.1	4.2	5.1	4.2	3.8	3.9	3.8	3.7	3.3	4.0	3.7	3.57	24	7.0
19	1.6	1.3	1.8	1.9	2.0	2.3			2.4	2.2	2.2	1.8	2.3	2.4	2.8	2.9	2.5	1.6	1.6	1.2	1.6	1.6	1.8	2.3	1.99	22	4.0
20*	2.3	2.8	2.8	2.9	3.0	3.2	3.3	2.9	3.0	2.8	2.6	2.5	2.5	2.8	2.8	2.8	1.9	2.3	2.3	2.0	2.3	2.3	2.3	2.7	2.62	24	4.0
21*	2.5	2.7	2.4	2.3	2.4	2.9	3.2	3.2	2.9	2.6	3.1	2.9	2.8	3.2	2.9			1.5	1.3	1.1	1.3	1.4	1.9	1.8	2.36	22	4.0
22	2.1	3.2	3.2	3.5	2.3	2.9	3.4	3.6	3.3			2.5	2.1	2.3	2.7	3.2	2.9	2.3	2.3	2.0	2.1	2.3	2.3	2.0	2.64	22	5.0
23	1.5	1.0	1.3	1.3	1.4	2.0	2.8	2.0	2.1	2.3	2.1	1.9	2.1	2.1	2.1	2.7	1.9	1.9	1.9	1.8	1.9	2.0	2.0	1.9	1.91	24	4.0
24	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.4	2.3	2.3	2.3		2.0	2.1	2.2	2.2	2.0	2.0	1.9	2.0	2.0	2.2	2.5	2.9	2.14	23	3.0
25	2.6	2.6	3.0		3.0	3.8	4.5	4.0	3.0	2.7	2.2	2.5	2.7	2.4	2.7	3.0	2.9	2.1	2.2	2.4	2.6	3.2	3.2	2.1	2.82	23	6.0
26	2.8	2.2	2.4	2.6	2.6	3.3	6.1	4.3	3.8	2.7	2.3	2.6	2.4	2.5	2.6	3.7	4.0	2.3	2.0	2.3	2.5	2.8	3.0	2.8	2.96	24	8.0
27*	3.5	2.8	2.0	2.1	2.5	3.0	4.1	2.9	2.3	2.1	2.0	2.3	2.0	2.4	2.3	2.3	2.2	2.1	2.0	2.3	2.1	2.3	2.5	2.2	2.41	24	5.0
28*	3.3	2.8	2.4	2.9	3.3	3.8	2.3	2.1	2.0	2.0	2.0	2.0	2.0	1.9	2.1	2.1	2.1	2.0	2.2	2.8	2.6	2.7	2.2	2.0	2.39	24	5.0
29	1.5	1.3	2.0	1.7	1.9	2.3	3.6	3.4	2.8	3.0	2.6	2.3	2.5	2.5	2.7	3.4	3.9	2.4	2.5	2.7	2.2	2.6	2.0	2.1	2.48	24	6.0
30	1.6	1.0	1.0	1.0	1.0	1.9	3.1	2.3	2.2	2.1	2.1	2.2	2.2	2.0	2.6	2.5	2.0	1.8	1.7	1.8	1.6	1.3	1.1	1.1	1.78	24	5.0
MEAN	2.4	2.3	2.3	2.4	2.5	3.0	3.7	3.2	2.9	2.8	2.8	2.7	2.7	2.8	3.0	3.3	3.0	2.4	2.4	2.3	2.3	2.4	2.5	2.4	2.68		
NO.	18	19	19	18	19	19	18	18	19	19	19	19	20	20	18	18	18	18	19	20	20	19	19	19		492	
MAX	3.5	3.4	3.2	3.5	3.3	4.3	6.1	4.5	4.7	4.7	4.7	4.1	4.5	5.3	4.9	5.8	4.8	3.8	4.2	3.8	3.7	3.4	4.0	3.9	3.71		8.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-307.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS,MO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	1.0	1.2			1.3	1.9	2.8	2.3	2.4	2.3	2.3	1.6	2.2	1.8	2.3	2.5	2.0	1.1	1.7	2.1	2.2	2.1	2.5	3.1	2.01	22	4.0
2	2.0	2.1	2.0	1.8	1.8	2.1	2.1	2.1	2.3	2.1	2.0	1.8	1.8	1.8	1.8	1.5	1.6	1.1	1.3	1.5	2.3	1.6	1.4	1.5	1.80	24	4.0
3	1.2	1.4	1.5	2.1	1.7	2.1	2.7	2.0	1.4	1.8	1.8	1.8	2.0	1.8	1.6	1.1	1.0	1.1	1.1	1.2	1.3	1.9	2.0	2.0	1.64	24	4.0
4*	1.1	1.1	1.1	1.3	1.3	1.7	1.8	1.3	1.2	1.3	1.3	1.3	1.4	1.2	1.3	1.1	1.3	1.1	1.3	1.4	1.5	2.0	1.2	1.3	1.31	24	4.0
5*	1.0	1.1	1.0	1.1	1.1	1.2	1.1	1.6	1.0	1.3	1.0	1.3	1.1	1.1	1.0	1.2	1.3		1.3	1.0	1.1	1.3	1.1	1.0	1.12	23	3.0
6	1.0	1.0	1.0	1.0	1.0	1.4	3.0	2.3	1.7	1.8	1.8	2.3	3.1	2.3	3.1	2.8	2.3	1.4	1.2	1.3	1.3	1.2	1.1	1.0	1.71	24	6.0
7	1.0	1.0	1.0	1.1	1.7	2.3	3.1	2.7	2.1	2.1	2.0	1.6	1.6	1.8	2.2	1.8	1.3	1.1	1.0	1.1	1.9	1.4	1.6	1.3	1.64	24	7.0
8	1.0	1.1	1.4	2.3	2.2	2.1	3.5	3.3	2.8	2.4	2.2	2.2	2.1	1.9	1.9	2.7	2.6	2.1	2.1	1.8	2.4	3.3	3.8	3.5	2.35	24	5.0
9	2.7	2.8	2.9	2.3	2.7	2.8	2.8	3.3	3.0	2.3	2.2	2.1	1.7	1.6	2.0	2.1	2.6	1.7	1.8	1.9	2.1	2.3	2.4	1.8	2.31	24	5.0
10	1.8	1.1	1.2	1.0	1.2	2.3	3.7	3.6	2.7	2.3	2.1	2.2	2.3	2.3	2.1	2.7	2.9	2.0	1.8	2.1	2.1	2.0	2.1	2.1	2.13	24	7.0
11*	2.0	2.0	2.1	2.3	2.3	2.2	2.8	2.3	2.6	2.1	2.3	2.2	2.0	2.3	2.5	2.4	2.8	2.0	2.3	2.0	1.7	1.9	1.5	1.3	2.15	24	4.0
12*	1.1	1.1	1.3	1.0	1.0	1.1	1.4	1.4	1.3	1.8	1.6	1.3	1.5	1.6	2.0	2.0	1.6	1.4	1.3	1.7	1.8	1.8	2.0	1.9	1.49	24	2.0
13	1.8	2.0	2.0	2.0	2.0	2.0	2.4	2.6	2.3	2.3	2.0	2.1		1.2	1.4	1.9	1.3	1.0	1.2	2.3	1.8	1.8	1.8	1.8	1.86	23	5.0
14	1.4	1.1	1.0	1.1	1.6	2.3	3.8	2.6	2.3	2.3	2.3	2.0	2.1	1.9	2.7	2.6	2.1	2.1	1.8	2.0	1.9	1.7	1.6	1.1	1.95	24	8.0
15	1.1	1.1	1.0	1.0	1.0	2.1	3.6	2.9	2.8	2.7	2.3	2.0	2.0	2.3	3.6	2.8	2.3	1.6	1.5	1.9	1.6	2.2	2.1	2.2	2.06	24	6.0
16	1.9	2.0	1.5	1.0	1.3	2.9	4.5	3.8	3.1	2.7	1.9	2.0	2.0	2.2	4.0	2.7	2.5	1.9	1.9	2.3	2.2	1.6	1.8	1.8	2.30	24	9.0
17	1.8	2.1	1.0	1.2	1.8	2.0	3.8	3.1	3.4	2.5	2.3	2.3	2.2	2.4		3.2	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.6	2.28	23	9.0
18*	2.2	1.9	1.7	2.1	2.1	2.1	2.6	2.1	2.3	1.8	1.6	1.4	1.1	1.1	2.0	1.7	1.4	1.8	2.3	1.6	2.4	2.3	3.3	2.0	1.93	24	6.0
19*	2.1	2.1	2.1	2.0	2.3	2.1	2.0	2.0	2.1	2.0	1.9	1.8	1.9	1.8	1.9	1.6	1.3	1.2	1.7	1.5	1.7	1.3	1.5	1.2	1.79	24	4.0
20	1.1	1.2	1.6	1.3	1.8	2.1	3.4	2.9	2.2	2.1	1.8	2.0	2.0	2.1		3.2	2.9	1.8	1.9	1.7	2.3	2.0	1.9	2.8	2.08	23	7.0
21	2.6	2.3	1.5	1.5	1.8	2.2	4.3	3.4	3.3	2.1	2.0		1.9	2.5	2.3	2.9	2.2	1.9	2.1	2.1	1.3	1.8	1.7	1.5	2.22	23	7.0
22	1.3	1.3	1.6	1.8	2.0	2.0	4.2	4.5	4.0	4.6	1.9	1.9	1.8	1.9		2.8	2.0	1.4	1.3	1.3	1.8	3.1	2.7	1.8	2.20	23	7.0
23	1.8	2.1	2.3	3.3	2.9	4.2	5.3	3.5	4.3	1.9	2.1	1.9	2.0	2.2		3.1	4.4	2.2	2.2	1.8	2.3	3.8	2.8	2.3	2.63	23	9.0
24	2.1	2.0	2.2	3.0	2.8	3.7	4.3	4.6	3.2	3.1	3.0	2.2	2.3	2.3	3.3	3.1	3.6	1.7	1.4	1.8	2.5	2.0	2.5	2.8	2.71	24	7.0
25*	2.0	1.5	2.7	2.3	2.1	2.3	2.2	1.8	1.9	2.1	2.0	1.8			1.3	1.4	1.1	1.1	1.2	1.3	1.1	1.2	1.1	1.4	1.66	22	6.0
26*	1.1	1.0	1.0	1.0	1.0	1.2	1.6	1.0	0.9	1.0	1.0	1.0	1.0	1.0		1.7	1.3	1.2	1.2	1.7	2.3	2.4	2.3	1.0	1.29	23	4.0
27	1.2	2.0	1.4	2.0	1.9	1.9	3.3	3.0	2.4	2.7	2.3	2.0	2.4	2.2	2.6	2.8	2.5	1.7	1.9	1.5	2.1	2.1	1.9	1.5	2.16	24	7.0
28	1.1	1.2	1.7	1.3	1.4	1.8	3.4	2.4	2.6	2.4	2.1	2.2	1.4	1.7	3.1	2.8	2.5	2.3	2.0	1.5	1.4	1.8	1.6	1.4	1.95	24	4.0
29	1.3	1.2	1.2	1.0	1.0	1.0	1.7	1.8	2.1	1.8	1.7	1.8	1.6	1.2	1.5	1.7	1.7	1.1	1.0	1.1	1.0	1.4	1.6	1.0	1.37	24	3.0
30	1.0	1.0	1.0	1.0	1.0	1.3	1.8	1.9	1.8	1.8	1.9	1.8	1.3	1.7	1.6	2.2	2.8	1.4	1.4	1.9	2.4	1.8	3.0	2.5	1.71	24	8.0
31	2.0	1.5	1.1	1.8	1.4	2.3	4.3	3.0	2.2	2.9	2.5			2.2	2.7	3.0	2.4	2.2	2.3	2.3	2.1	1.8	1.9	1.9	2.23	22	7.0
MEAN	1.5	1.5	1.5	1.6	1.7	2.1	3.0	2.6	2.3	2.1	2.0	1.8	1.8	1.8	2.2	2.3	2.1	1.6	1.6	1.7	1.9	2.0	2.0	1.8	1.94		
NO	31	31	30	30	31	31	31	31	31	31	31	29	28	30	26	31	31	30	31	31	31	31	31	31		730	
MAX	2.7	2.8	2.9	3.3	2.9	4.2	5.3	4.6	4.0	3.1	3.0	2.3	3.1	2.5	4.0	3.2	3.6	2.3	2.3	2.3	2.5	3.8	3.8	3.5	2.71		9.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-308.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
AUG. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	1.8	1.8	1.4	1.8	1.5	2.0	2.1	2.0	2.3	2.4	2.1	2.4	2.0	1.8	2.8	2.3	1.9	2.0	1.8	2.4	2.0	1.9	1.5	1.7	1.97	24	4.0
2*	1.0	1.3	1.2	1.1	1.0	1.7	1.8	1.8	2.0	1.8	2.0	2.0	2.0	2.0	2.8	2.2	2.3	1.9	2.0	2.0	1.9	1.9	1.6	1.8	1.78	24	4.0
3	1.8	1.3	1.9	1.3	1.3	3.0	2.7	2.3	2.9	2.4	2.1	2.0	1.9	1.3	1.5	1.3	1.0	0.9	1.0	1.7	2.3	1.9	1.4	1.2	1.73	24	5.0
4																											
5																											
6	2.1	2.0	2.0	2.0	2.0	2.4	3.4	3.3	3.4	3.8	3.0	2.7	2.5	2.6	2.8	2.6	2.9	2.2	2.7	3.1	3.2	3.5	2.8	4.0	2.76	24	6.0
7	3.3	2.2	3.1	2.6	3.1	3.3	4.3	4.3	3.8	3.8	3.1	2.2	2.4	2.3	2.5	2.5	2.1	2.4	2.8						2.93	19	7.0
8*																											
9*																											
10																											
11	2.8	3.0	2.6	2.3	2.4	2.9	3.9	3.9	3.2	2.7	2.6	2.5	2.3	2.5	2.3	2.7	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.48	24	5.0
12	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.1	2.1	2.1	2.0	2.0	2.2	2.1	2.2	2.3	2.1	2.0	2.0	2.0	2.1	2.4	2.3	2.8	2.12	24	3.0
13	2.3	2.7	3.0	2.8	2.6	3.3	3.7	2.8	2.8	2.2	2.3	2.7	2.3	2.7	2.3	2.4	2.5	2.1	2.3	2.1	2.1	2.3	2.2	2.3	2.52	24	5.0
14	2.0	2.1	2.0	2.0	2.0	2.6	3.9	3.8	3.7	3.4	3.3	2.8	3.2	2.9	3.0	3.3	3.4	2.6	2.5	2.5	2.7	2.3	3.2	2.3	2.79	24	6.0
15*	2.3	2.3	2.2	2.3	2.3	2.0	2.5	2.5	2.7	3.0	2.6	2.3	2.5	2.6	2.9	2.4	2.3	2.0	2.0	2.4	2.6	2.7	3.2	3.5	2.48	24	5.0
16*	3.6	3.9	4.2	4.3	3.0	4.0	3.0	2.9	3.4	2.0	2.0	2.2	2.1	2.2	2.3	2.4	2.3	2.1	2.0	2.7	3.2	5.2	6.3	4.4	3.13	24	7.0
17	5.3	5.7	6.0	3.7	3.4	3.5	3.4	3.7	4.2	4.0	3.3	2.8	2.9	2.8	2.8	2.6	2.5	2.1	2.3	2.2	2.2	2.2	2.3	2.6	3.25	24	8.0
18	2.3	2.3	2.4	2.8	2.3	2.8	3.8	3.4	3.2	3.2	3.1	3.3	3.0	2.9	3.1	3.7	3.3	3.8	3.8	3.7	4.3	5.0	6.1	3.7	3.37	24	8.0
19	2.9	3.0	2.8	3.0	2.8	3.7	5.5	4.3	3.8	4.3	3.5	2.8	3.0	3.4	3.5	3.4	3.3	2.5	2.8	2.2					3.32	20	6.0
20																											
21																											
22*																											
23*																											
24																											
25																											
26											2.6	2.0	2.1	2.4	3.3	3.3	3.6	3.3	3.9	3.2	3.2	2.7	3.0	3.1	2.96	14	5.0
27	2.9	2.8	2.9	2.8	3.3	4.2	6.4	4.6	3.9	3.3	3.3	3.0	3.2		3.3	3.9	3.7	3.2	2.5	2.3	2.3	2.6	2.3	2.2	3.23	23	9.0
28	2.1	2.1	2.0	2.0	2.1	2.5	3.8	4.3	3.6	2.2	2.8	2.9	2.6	2.8	2.3	3.2	3.1	2.3	2.8	2.7	2.5	4.2	6.3	3.8	2.94	24	12.0
29*	4.6	5.3	4.8	4.1	4.3	3.8	4.1	3.7	3.7	4.6	2.5	2.4	2.3	2.3	2.7	2.5	2.1	2.5	2.8	2.6	2.8	2.3	2.3	2.3	3.12	24	7.0
30*	2.4	2.3	2.3	2.0	2.0	2.4	2.2	2.2	2.2	2.3	2.0	2.0	2.0	2.0	2.3	2.3	2.1	2.5	2.9	3.3	3.4	4.8	3.9	3.2	2.93	24	6.0
31	2.3	2.5	2.4	2.9	3.0	3.4	4.2	3.9	3.7	3.0	2.8	2.6	3.1	3.0	3.3	4.6		2.1	2.6	2.7	3.3	2.6	2.7	2.8	3.00	23	7.0
MEAN	2.6	2.6	2.7	2.5	2.4	2.9	3.5	3.4	3.2	2.8	2.6	2.5	2.5	2.4	2.7	2.8	2.5	2.3	2.5	2.5	2.7	2.9	3.1	2.7	2.71		
NO	19	19	19	19	19	19	19	19	19	19	20	20	20	19	20	20	19	20	20	19	18	18	18	18		459	
MAX	5.3	5.7	6.0	4.3	4.3	4.2	6.4	4.6	4.2	4.3	3.5	3.3	3.2	3.4	3.5	4.6	3.7	3.8	3.9	3.7	4.3	5.2	6.3	4.4	3.37		12.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-309.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

ST. LOUIS, MO.

TOTAL HYDROCARBON
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1	2.7	2.2	2.3	2.1	2.0	2.3	3.8	3.4	3.1	2.8	2.8	2.6	2.8	2.8	2.8	4.0	3.5	2.5	2.8	3.2	3.0	2.8	3.2	2.6	2.82	24	6.0
2	2.8	2.4	2.9	2.9	2.8	3.8	5.5	4.2	3.8	3.2	3.0	2.8	2.6	3.0	3.1	3.7	3.2	2.3	2.4	2.6	3.2	2.6	2.5	3.2	3.08	24	10.0
3	2.8	2.1	2.9	3.3	3.8	4.0	4.6	4.5	4.5	3.8	3.3	2.8	3.3	2.9	3.0	3.5	3.3	2.3	2.7	2.8	3.3	2.8	3.2	2.9	3.24	24	7.0
4	2.7	3.8	3.0	2.3	2.2	2.3	3.2	3.1	3.0	3.0	2.8	2.6	2.8	2.6	2.9	2.8	2.4	2.6	2.5	3.0	2.4	2.3	3.2	3.0	2.75	24	5.0
5*	3.0	3.0	2.8	2.9	2.9	2.8	2.9	2.4	2.7	2.8	2.6	2.4	2.9	2.8	2.8	2.8	2.8	2.6	3.0	2.5	2.8	3.6	3.6	3.0	2.83	24	6.0
6*	3.3	2.9	3.2	3.0	3.2	3.0	2.8	2.8	2.6	2.8	2.6	2.8	2.6	2.9		2.2	2.6	2.3	2.9	3.3	2.8	3.3	3.2	3.1	2.86	23	5.0
7	3.0	3.0	2.8	2.7	2.7	2.8	3.2	3.0	2.9	2.2	2.5	2.4	2.6	2.5	3.0	2.3	3.1	2.7	2.9	3.0	2.8	2.4	2.7	2.7	2.73	24	5.0
8	2.9	2.6	2.8	3.0	3.2	4.7	5.5	6.6	5.5	4.3	3.7	3.0	3.3	3.3	3.8	4.6	3.6	3.3	3.3	3.1	3.0	2.7	2.8	2.9	3.63	24	9.0
9	2.8	3.0	3.2	3.0	3.8	4.3	7.3	5.0	4.6	3.6	3.4		3.5	3.0	3.9	4.9	3.3	2.9	3.1	3.3	3.3	3.3	3.5	3.3	3.70	23	11.0
10	3.7	3.1	3.0	3.0	3.9	4.2	5.8	5.3	4.7	3.9	3.0	2.8	3.3	3.5	4.0	4.3	4.2	3.9	3.6	4.0	3.9	3.0	2.8	2.3	3.67	24	8.0
11	2.2	2.1	2.0	2.1	2.1	2.4	4.0	3.5	3.5	2.9	3.2	2.9	3.3	3.2	3.2	4.4	3.8	3.1	3.1	3.0	3.0	3.2	3.0	3.0	2.99	24	8.0
12*	3.0	3.0	3.0	2.9	3.0	3.1	3.1	3.3	3.1	3.3	3.1	3.1	2.8	2.9	3.0	2.8	3.0	2.8	3.0	3.0	3.0	3.1	3.1	3.1	3.01	24	4.0
13*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.8	2.8	2.6	2.5	2.8	3.0	3.1	3.0	3.2	3.6	3.5	3.7	4.8	3.8	3.12	24	5.0
14	4.2	5.1	5.0	5.0	4.7	4.5	7.0	5.8	5.4	4.5	4.0	4.0	3.6	3.3	3.7	4.1	4.2	3.3	3.8	3.8	3.6	3.3	4.3	4.8	4.35	24	6.0
15	3.6	3.6	4.3	3.3	3.3	3.7	5.5	5.8	7.1	6.7	7.9	6.6	4.4	4.8	4.4	5.0	4.0	3.3	3.4	3.1	4.0	3.8	3.0	3.0	4.46	24	9.0
16	3.0	3.1	3.0	3.0	3.2	3.5	4.1	4.2	4.9	4.5	4.3	4.5	4.0	4.2	4.3	5.5	4.4	3.6	4.0	3.8	3.8	4.1	3.9	3.5	3.91	24	9.0
17	3.4	3.5	3.6	3.0	3.3	3.8	6.8	5.3	5.0	4.1	3.8	3.8	4.2	3.6		5.1	5.2	3.3	3.1	3.1	3.0	3.2	3.1	3.0	3.87	23	9.0
18	3.0	3.0	3.0	2.9	3.1	4.4	4.7	5.0	5.6	5.7	4.8	3.5	3.7	4.2	4.1	6.1	5.8	4.3	4.3	4.1	4.3	4.3	4.7	4.8	4.29	24	11.0
19*	5.5	5.0	5.2	5.1	5.3	8.4	8.8	8.5	6.4	5.4	4.0	3.8	3.5	3.4	3.9	3.3	3.6	3.9	4.3	4.5	6.3	4.1	3.3	3.7	4.96	24	11.0
20*	3.3	4.2	3.4	3.9	3.1	3.3	4.2	3.5	3.2	3.4	3.0	3.3	3.5	3.6	3.9	3.8	3.3	3.7	4.4	4.0	4.0	4.3	4.5	3.3	3.64	24	7.0
21	3.6	3.3	3.8	3.6	3.6	4.8	6.8	5.0	7.3	5.8	5.0	4.9	4.3	4.4	4.3	6.7	5.8	4.3	4.0	3.7	3.7	3.4	3.8	4.0	4.57	24	11.0
22	3.3	3.3	3.1	3.1	3.8	5.9	4.7	6.1	5.3	4.4	4.4	4.3	3.7	3.8	4.6	6.3	4.5	4.1	3.8	3.7	3.5	3.3	3.1	3.1	4.03	24	9.0
23	3.0	2.9	3.0	2.9	3.0	3.0	3.3	3.2	3.3	3.3	3.1	3.1	3.1	3.0	3.1	3.5	3.0	3.0	3.0	2.9	3.0	3.0	3.4	3.1	3.08	24	5.0
24	3.1	3.0	3.1	2.9	3.0	3.1	3.8	3.3	3.1	3.2	3.0	3.0	2.9	3.0		3.0	3.0	3.0	3.2	3.4	4.3	4.2	4.8	4.9	3.35	23	5.0
25	5.0	4.8	4.6	4.7	3.9	3.9	7.1	5.8	4.7	4.2	4.1	3.8	3.7	4.3	4.2	4.8	4.8	3.6	4.0	3.4	3.3	3.7	3.4	3.5	4.33	24	9.0
26*	3.3	3.5	3.0	3.0	3.1	3.0	3.2	3.3	3.4	3.6	3.7	3.4	3.3	3.7	3.8	3.9	3.5	3.3	3.3	3.1	2.9	3.3	3.3	3.3	3.33	24	5.0
27*	3.4	3.0	3.0	2.8	3.0	3.0	3.0	3.0	3.0	3.0	2.9	3.0	3.0	3.0	3.2	3.7	3.0	3.0	3.0	3.0	3.3	3.2	3.7	3.3	3.10	24	7.0
28	4.0	3.0	3.0	2.8	3.3	4.2	5.2	4.5	3.3	3.3	3.6	3.0	3.3	3.3	3.6	5.0	4.6		3.7	3.4	3.6	3.6	4.2	4.3	3.72	23	8.0
29	4.3	5.8	8.2	6.9	5.3	6.1	8.6	8.8	8.2	6.1	2.9	2.7	3.3	3.1	2.6	3.3	3.5	2.6	3.0	3.2	3.8	3.8	3.3	3.0	4.67	24	12.0
30	2.5	2.4	2.1	2.5	2.8	3.0	4.4	4.0	4.1	3.2	2.7	2.6	2.6	2.5	2.7	4.3	4.6	2.9	3.7	3.7	3.2	3.9	3.7	4.1	3.23	24	8.0
MEAN	3.3	3.3	3.4	3.2	3.3	3.8	4.8	4.5	4.3	3.8	3.5	3.3	3.3	3.3	3.5	4.1	3.8	3.1	3.3	3.3	3.4	3.4	3.5	3.4	3.58		
NO.	30	30	30	30	30	30	30	30	30	30	30	29	30	30	27	30	30	29	30	30	30	30	30	30		715	
MAX.	5.5	5.8	8.2	6.9	5.3	8.4	8.8	8.8	8.2	6.7	7.9	6.6	4.4	4.8	4.6	6.7	5.8	4.3	4.4	4.5	6.3	4.3	4.8	4.9	4.96		12.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-310.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

ST. LOUIS, MO.

TOTAL HYDROCARBON
OCT. 1964

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1	3.2	3.3	2.6	2.8	3.6	2.4	6.5	5.3	4.4	4.0	4.0	2.9
2	2.3	2.1	2.1	2.5	2.6	2.7	3.5	3.3	3.1	3.3	2.3	2.2
3*	8.1	6.6	8.3	8.7	7.9	8.9	8.3	7.4	4.4	2.9	2.6	2.3
4*	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.0	2.3	4.1	1.9	2.0
5	2.0	2.0	1.8	2.0	2.0	2.0	2.0	2.1	2.3	4.3	2.0	2.0
6	3.2	3.3	3.0	3.0	2.6	2.7	3.3	3.5	3.5	3.1	2.3	1.9
7	2.0	1.9	2.2	2.2	2.1	3.0	4.2	3.8	3.5	3.3	2.8	2.4
8	1.0	1.0	1.0	1.0	1.1	1.8	3.0	1.8	1.7	1.5	1.2	1.0
9	2.0	2.0	2.0	1.9	2.0	1.9	2.3	2.3	2.1	2.1	1.9	2.0
10*	3.0	3.0	3.0	2.9	2.7	2.3	2.9	2.9	2.8	3.2	2.2	2.2
11*	2.2	2.1	2.0	2.2	2.1	2.1	2.9	3.1	2.3	4.0	2.0	2.0
12	2.4	3.0	2.4	3.1	3.3	3.9	4.7	4.7	3.6	3.0	3.2	2.8
13	3.4	4.2	4.5	5.0	5.8	6.3	10.1	10.1	5.6	4.6	4.0	3.8
14	4.0	4.0	3.9	4.1	4.9	5.3	7.9	8.7	6.7	6.0	4.9	
15	5.1	4.8	4.2	4.5	4.9	5.1	7.3	8.1	9.3	7.3	4.9	3.7
16	4.9	5.7	7.2	4.8	4.7	3.3	9.9	13.1	8.9	8.1	5.3	3.8
17*	5.7	6.4	5.9	4.8	4.9	4.2	5.3	5.0	5.9	6.8	5.2	3.7
18*	3.2	3.9	3.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
19	3.0	3.0	3.0	3.0	3.0	3.1	3.8	3.7		3.3	3.3	3.0
20	3.0	3.0	3.0	3.1	3.7	3.8	4.8	4.7	4.4	4.2	3.1	3.0
21	3.0	3.0	3.0	3.0	3.1	3.1	3.9	4.2	3.7	3.6	3.3	3.2
22	3.0	3.4	3.4	3.9	3.4	3.3	5.1	4.3	3.8	3.4	3.6	3.3
23	4.0	3.8	3.0	3.1	3.4	3.7	5.1	4.4	4.0	4.1	3.5	3.4
24*	4.9	4.4	4.3	3.3	3.8	4.8	6.7	5.8	5.0	4.3	3.7	3.7
25*	3.3	3.2	3.2	3.4	3.6	4.1	4.0	4.8	4.3	3.4	3.1	3.1
26	3.2	3.1	3.0	3.1	3.3	3.2	4.4	5.7	5.7	5.1	4.5	4.3
27	3.0	3.0	3.0	3.0	3.0	3.1	4.0	6.6	5.8	4.4	4.5	4.7
28	4.5	4.5	4.1	4.4	5.1	4.5	4.4	5.9	6.3	7.1	4.6	4.0
29	7.1	7.1	5.6	4.6	4.0	3.7	3.3	4.2	4.2	4.0	4.0	3.3
30	3.1	3.0	3.0	3.0	3.0	3.1	3.8	4.9	5.5	4.1	4.0	3.5
31*	4.3	4.1	4.3	4.0	3.8	3.7	3.8	4.8	4.6	4.0	3.6	3.3
MEAN	3.5	3.5	3.5	3.4	3.5	3.7	4.7	5.0	4.4	4.0	3.4	3.0
NO.	31	31	31	31	31	31	31	31	30	31	31	30
MAX.	8.1	7.1	8.3	8.7	7.9	8.9	10.1	13.1	9.3	8.1	5.3	4.7

DAY OF MONTH	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1	2.7	3.3	3.7	3.9	3.2	2.8	2.5	2.9	2.8	2.2	2.2	2.4
2	2.0	2.1	2.2	2.5	2.3	2.3	3.3	3.6	3.0	3.0	2.9	6.1
3*	2.1	2.2	2.4	2.4	2.6	2.4	2.8	3.0	3.8	9.8	4.1	2.8
4*	1.9	2.0	2.0	1.9	1.7	1.8	1.8	2.0	2.0	2.0	2.0	2.0
5	2.0	2.0	2.0		2.2	1.9	2.3	2.3	2.6	2.8	3.4	3.3
6	1.9	2.1	1.8	2.0	1.8	1.8	3.1	3.8	3.1	2.3	2.0	2.0
7	2.1	2.2	2.4	2.9	2.8	1.8	1.8	1.3	1.3	1.4	1.4	1.6
8	1.3	1.0	1.9	2.3	2.0	1.6	1.9	1.4	1.6	1.7	1.8	2.0
9	2.0	2.1	2.1	2.4	2.1	2.0	2.1	2.8	2.3	2.8	2.4	2.5
10*	2.0	1.9	2.3	2.3	2.1	2.0	2.7	2.6	2.2	2.2	2.2	2.5
11*	2.0	2.1	2.6	2.3	2.1	2.3	3.1	3.4	2.8	3.0	2.8	2.5
12	2.8	3.1	3.0	2.9	2.9	3.1	3.2	3.5	3.3	3.3	3.4	3.0
13	3.7	3.4	3.3	4.0	3.6	4.0	4.5	4.5	5.8	4.8	4.3	4.9
14		3.7	3.8	3.9	3.9	4.1	4.4	4.3	4.9	5.0	5.0	5.1
15	3.3	3.5	3.7	4.3	3.8	4.0	5.2	5.5	5.3	5.9	6.5	5.4
16	3.7	3.8	3.7	4.3	4.3	4.3	7.3	9.4	13.2	13.3	9.5	6.5
17*	3.4	3.3	4.2	3.5		4.2	4.3	3.4	3.3	3.5	4.2	3.5
18*	3.0	3.0	3.0	3.0	3.0	3.4	3.9	4.0	3.5	3.8	3.8	3.0
19	3.1	3.1	3.0	3.1	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0
20	3.3	3.4	3.7	3.9	4.2	3.4	3.9	3.8	3.4	3.2	3.2	3.3
21	3.0	3.0	3.1	3.2	3.0	3.0	3.2	3.3	3.0	3.1	3.0	3.0
22	3.2		3.3	3.8	4.3	3.6	3.8	3.9	4.2	4.1	4.0	4.0
23	3.3	3.3	3.4	3.9	3.3	3.3	4.4	5.9	6.8	5.5	5.6	4.6
24*	3.2	3.1	4.5	3.8	3.4	4.0	3.7	4.4	4.1	3.4	3.3	3.2
25*	3.2	3.2	3.8	3.2	3.3	3.7	3.3	3.4	3.8	3.6	3.7	3.3
26	3.5	4.0	4.0	4.1	5.9	5.2	3.5	3.8	3.6	3.4	3.3	3.4
27			4.1	5.1	7.2	8.4	6.1	5.1	4.7	4.2	3.9	4.0
28	3.7	3.8	4.1	3.7	4.3	6.0	6.1	6.7	7.2	6.1	6.3	8.1
29	3.5	3.8	3.3	3.3	4.3	4.5	4.0	3.8	3.8	3.8	3.8	3.4
30	3.6	3.5	3.7	4.0	6.0	7.2	4.6	4.5	4.3	3.9	4.1	4.8
31*	3.5	3.1	3.2	3.3	3.8	4.7	4.4	4.2	4.4	4.0	4.2	5.0
MEAN	2.8	2.9	3.1	3.3	3.4	3.5	3.7	3.8	4.0	3.9	3.7	3.7
NO.	29	29	31	30	30	31	31	31	31	31	31	31
MAX.	3.7	4.0	4.5	5.1	7.2	8.4	7.3	9.4	13.2	13.3	9.5	8.1

DAILY MEAN	NO OF HRS	5-MIN MAX
3.37	24	9.0
2.79	24	8.0
4.67	24	11.0
1.99	24	4.0
2.22	23	4.0
2.61	24	5.0
2.34	24	6.0
1.55	24	4.0
2.16	24	4.0
2.48	24	5.0
2.41	24	6.0
3.22	24	7.0
4.91	24	14.0
4.89	22	10.0
5.21	24	15.0
6.89	24	20.0
4.50	23	9.0
3.26	24	5.0
3.10	23	5.0
3.59	24	9.0
3.19	24	5.0
3.73	23	7.0
4.10	24	9.0
4.08	24	8.0
3.52	24	6.0
4.00	24	10.0
4.38	22	14.0
5.21	24	10.0
4.17	24	9.0
4.08	24	11.0
3.99	24	7.0
3.63	736	
6.89		20.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-311.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS,MO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	4.3	4.3	5.9	6.1	4.3	4.0	4.0	4.3	4.3	3.4	3.2	3.0	3.1	3.3	3.1	3.3	3.2	4.0	3.5	3.9	3.3	3.4	4.3	4.2	3.89	24	7.0
2	4.1	4.5	5.5	4.8	3.8	3.8	5.3	6.4	6.3	5.1	5.4	4.6	4.5	4.8	4.1	4.7	6.1	5.0	3.9	3.5	4.2	3.7	4.3	4.2	4.58	24	8.0
3	3.8	3.1	3.7	3.5	3.5	4.1	4.8	6.3	5.8	4.8	4.1	4.0	3.8	3.8	3.8	4.8	6.3	6.2	4.5	4.3	4.1	4.6	4.7	5.1	4.47	24	12.0
4	5.6	5.0	4.9	5.8	5.4	8.1	6.9	7.8	7.6	6.8	5.7	4.6	3.9	3.8	3.5	4.8	6.4	6.5	5.9	5.8	5.4	6.5	7.2	7.1	5.86	24	12.0
5	4.5	3.2	3.0	3.0	3.0	3.1	3.3	3.9	3.8	3.8	4.3		3.3	3.4	3.4	3.6	5.5	3.9	3.8	4.8	4.3	3.9	3.3	4.3	3.75	23	8.0
6	3.9	4.0	3.8	4.8	4.3	4.6	4.4	6.4	5.3	4.8	4.8	4.0	3.9	4.0	3.8	3.9	7.8	5.5	3.8	3.9	4.3	4.1	5.2	4.7	4.57	24	13.0
7*	4.5	4.1	3.3	4.2	4.4	3.8	4.2	4.1	4.7	4.7	4.4	3.6	3.1	3.3	3.6	3.3	5.2	3.8	3.8	3.5	4.5	3.6	3.6	3.6	3.85	24	6.0
8*	3.9	4.3	4.9	4.8	4.4	4.0	4.0	6.6	6.0	3.9	3.3	3.3	3.0	3.1	3.1	3.2	3.4	4.2	4.3	3.9	4.0	3.4	4.3	3.8	4.03	24	8.0
9	3.2	3.0	3.0	3.0	3.0	3.4	4.2	5.4	5.6	4.8	4.7	4.1	4.0	4.0	4.5	5.0	6.3	6.5	5.2	3.9	3.2	3.2	3.2	3.2	4.12	24	9.0
10	3.2	3.1	3.5	3.3	3.3	3.3	3.8	6.0	6.1	5.4	4.5	4.3	4.0	4.6	4.3	4.3	5.3	5.1	3.9	3.3	3.1	3.1	3.1	3.2	4.01	24	9.0
11	3.0	3.0	3.0	3.0	3.0	3.0	3.6	4.3	4.1	3.9	3.8	3.6	3.4	3.8	3.9	3.8	4.1	3.5	3.0	3.5	3.2	3.2	3.3	3.1	3.45	24	6.0
12	3.1	3.0	3.0	3.0	3.0	3.1	3.3	4.7	3.6	3.3	3.3		3.7	3.4	3.8	3.8	4.8	4.6	3.8	4.4	4.3	4.1	4.2	4.0	3.70	23	7.0
13	4.0	3.9	3.8	4.0	4.0	4.2	4.1	6.2	5.8	5.4	4.5	4.0	4.1	3.9	4.2	4.7	5.8	5.8	4.3	4.0	3.9	3.7	4.1	3.8	4.40	24	13.0
14*	4.0	3.4	3.8	4.0	3.8	3.8	3.4	4.4	4.9	4.4	4.0	3.5	3.1	3.3	3.8	3.3	3.8	4.0	4.0	4.5	4.3	3.2	3.3	3.9	3.82	24	7.0
15*	3.0	3.6	3.8	3.2	3.0	3.0	3.0	3.9	3.5	3.0	3.1	3.1	3.0	3.0	3.7	3.4	3.5	3.0	3.2	3.8	3.0	3.1	3.4	3.1	3.26	24	5.0
16	3.0	3.0	3.1	3.2	3.4	3.1	3.5	3.8	4.0	3.6	4.4	5.3	4.3	3.9	3.8	4.3	4.0	3.7	3.1	3.0	3.0	3.1	3.0	3.3	3.65	24	9.0
17	3.0	3.0	2.9	3.0	3.0	2.9	3.3	4.8	3.8	4.2	4.5	5.1	4.0	4.2	3.9	3.6	3.5	3.5	3.1	3.1	3.1	3.0	3.3	2.9	3.51	24	10.0
18	3.0	2.9	2.8	2.3	2.8	2.3	2.6	3.1	3.4	3.3	3.3	3.0	3.2			3.1	4.1	3.7	3.0	2.8	2.9	2.7	2.5	2.8	2.95	22	5.0
19	2.6	2.3	2.2	2.0	2.0	2.0	2.3	3.2	3.4	2.8	3.2	2.8	2.2	2.2	2.0	2.3	2.7	2.7	2.1	2.3	2.7	3.0	3.1	2.9	2.53	24	5.0
20	2.7	2.0	2.0	2.0	2.0	2.0	2.3	3.0	2.8	2.3	2.3	2.0	2.0	1.9	1.8	2.0	2.0	2.0	1.6	1.9	1.8	1.7	1.8	1.9	2.06	24	5.0
21*	1.3	1.0	1.3	1.0	1.0	1.3	1.3	1.9	1.5	1.6	1.3	1.3	1.1				2.8	2.6	2.8	2.7	2.9	2.8	3.3	2.9	1.88	21	5.0
22*	3.1	3.0	3.0	2.8	2.7	3.0	3.0	2.8	3.0	2.8	2.8	2.7	2.4	2.3	2.3	2.7	2.5	3.0	2.3	2.0	2.0	2.0	2.0	2.4	2.60	24	4.0
23	2.3	2.0	2.0	2.1	2.0	2.1	4.5	4.2	3.6	3.5	3.8	3.4	3.2	3.3	3.3	3.3	4.9	4.8	3.2	2.7	2.5	2.8	2.0	2.8	2.99	24	8.0
24	2.0	2.7	3.7	2.6	2.1	2.7	3.0	4.3	4.2	4.3	4.4	2.7	2.2	3.0	2.3	3.2	4.5	5.0	2.9	3.3	2.6	2.4	2.6	2.8	3.13	24	9.0
25	2.8	3.2	3.3	3.7	3.0	2.6	2.5	3.7	4.4	4.8	3.1	2.6	1.8	1.9	2.1	2.2	3.6	7.0	4.3	3.0	2.0	2.1	1.9	1.8	3.05	24	10.0
26	1.4	1.2	1.2	1.4	1.3	1.4	1.3	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.0	1.2	1.0	1.3	1.0	1.11	24	3.0
27	1.0	1.0	1.0	1.0	1.0	1.0	1.3	2.5	4.3	2.2	2.6	2.3			3.7	3.1	4.5	2.2	1.6	1.2	1.0	0.9	1.1	1.1	1.78	22	7.0
28*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.5	1.8	1.3	1.2	1.0	1.0	1.0	1.3	1.4	1.7	1.8	1.8	1.9	1.5	1.26	24	2.0
29*	1.1	1.0	1.2	1.5	1.0	1.2	1.1	1.5	1.3	1.3	1.8	1.8	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.64	24	2.0
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	4.1	4.3	2.8	2.3	2.2	2.0	2.3	2.2	3.6	3.9	2.8	2.7	2.6	2.7	2.2	2.2	2.36	24	5.0
MEAN	3.0	2.9	3.0	3.1	2.9	3.0	3.2	4.4	4.0	3.7	3.5	3.2	3.0	3.1	3.1	3.3	4.1	4.0	3.3	3.2	3.1	3.0	3.2	3.2	3.28		
NO	30	30	30	30	30	30	30	30	30	30	30	28	29	27	28	29	30	30	30	30	30	30	30	30		711	
MAX	5.6	5.0	5.9	6.1	5.4	8.1	6.9	7.8	7.6	6.8	5.7	5.3	4.5	4.8	4.5	5.0	7.8	7.0	5.9	5.8	5.4	6.5	7.2	7.1	5.86		13.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-312.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
DEC. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	4.5	2.3	2.8	2.5	3.1	3.0	2.7	2.4	3.9	4.5	2.9	3.0	2.6	2.3	2.4	3.3	2.61	24	7.0
2	2.5	2.8	2.7	2.3	3.0	2.7	3.0		4.0	4.1	3.5	3.4	3.3	3.3	3.2	3.3	3.8	4.0	3.3	3.3	3.0	3.0	3.1	3.0	3.18	23	9.0
3	2.7	2.5	2.3	2.4	2.2	2.6	3.0	3.4	3.1	3.4	3.6	3.4	3.3	3.7	3.8	3.3	4.1		3.0	3.0	2.7	2.8	2.6	2.8	3.01	23	9.0
4	2.4	2.1	2.0	2.0	2.0	2.5	2.9	3.2	3.0	3.1	3.1	3.1	3.1	2.9	3.0	2.8	3.5	3.1	2.7	2.5	2.3	2.2	2.5	2.3	2.67	24	4.0
5*	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.3	4.3	4.7	3.1	2.8	2.8	3.0	2.9	2.8	2.6	2.8	2.3	2.7	4.8	2.2	4.6	2.6	2.46	24	4.0
6*	2.1	2.6	2.2	2.0	2.6	3.0	4.9	3.1	3.2	3.1	3.0	2.6	2.5	2.8	2.8	2.8	2.8	2.8	2.7	2.8	2.4	2.8	2.3	2.8	2.67	24	4.0
7	2.1	2.1	2.0	2.0	2.1	2.4	3.1	4.3	3.8	3.3	3.4	3.3	2.9	3.1	3.6	3.2	3.6	3.8	3.7	3.9	3.4	4.3	3.5	3.2	3.15	24	6.0
8	3.0	2.9	3.0	2.8	2.8	2.5	3.1	4.4	3.5	3.0	2.7	2.4	2.1	2.3	3.1	3.0	3.4	3.4	3.0	2.8	4.7	2.8	2.6	2.9	2.92	24	5.0
9	2.2	2.1	2.0	2.0	2.0	2.1	2.8	3.5	3.7	3.9	3.4	3.3	3.3	3.3	3.8	3.8	4.6	4.7	4.2	3.6	3.3	3.3	3.5	3.4	3.22	24	8.0
10	3.0	3.1	3.0	3.0	3.0	3.1	3.9	5.7		3.8	4.2	3.9	4.3	3.2		3.7	5.9	5.5	3.4	3.3	3.4	3.8	3.4	3.8	3.78	22	10.0
11	3.2	3.0	2.9	2.5	2.4	2.6	3.3	5.4	5.0	4.9	4.7	4.3	3.6	3.8	4.4	4.3	4.8	4.0	5.0	6.6	5.6	5.1	8.6	9.3	4.53	24	12.0
12*	3.9	4.3	3.1	3.0	3.0	2.8	3.0	4.4	3.7	3.2	3.6	3.4	3.3	3.2	3.1	3.3	3.7	3.8	3.6	3.3	3.3	3.4	3.6	3.0	3.47	24	10.0
13*	2.9	2.4	2.2	2.1	2.0	2.1	2.2	2.3	4.3	4.6	2.7	2.8	2.6	2.3	2.8	3.0	3.1	3.1	3.2	3.4	3.1	3.0	3.3	3.0	2.66	24	5.0
14	2.9	2.4	2.4	2.3	2.3	2.7	3.0	3.4	3.3	3.4	3.1	2.9	2.8	2.8	2.9	3.0	2.9	2.9	2.4	2.6	2.3	2.0	2.1	2.1	2.68	24	4.0
15	2.2	2.0	2.0	2.0	2.2	2.7	2.8	3.8	3.5	3.4	3.0	3.0	3.1	3.0	2.9	3.2	3.3	2.7	2.5	2.8	2.9	3.1	2.8	2.7	2.80	24	5.0
16	2.3	2.1	2.0	2.0	2.0	2.0	2.9	3.9	3.6	3.4	3.3	3.2	3.0	3.3	3.2	4.2	5.0	4.3	3.2	3.4	2.5	2.0	2.0	2.0	2.94	24	7.0
17	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	4.3	4.6	2.8	2.8	2.6	2.5	2.5	2.4	3.0	2.7	2.3	2.3	2.1	2.1	2.3	2.3	2.32	24	8.0
18	2.1	2.1	2.1	2.5	2.6	4.6	2.9	3.2	3.0	3.2				3.3	3.3	3.8	4.4	4.6	3.2	3.1	3.1	3.0	3.1	3.2	3.04	21	6.0
19*	3.1	3.0	2.8	2.9	2.9	2.6	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	2.9	3.0	3.1	3.1	3.0	3.1	3.3	2.99	24	5.0
20*	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.6	4.6	3.0	3.0	3.0	2.3	2.1	2.9	2.7	2.3	3.2	3.3	3.1	3.9	4.3	4.3	3.9	3.14	24	9.0
21	3.1	3.0	3.0	3.6	3.4	3.5	3.5	4.0	4.9	4.8	4.4	3.6	3.3	3.6	3.9	4.0	6.2	4.9	3.4	3.6	3.3	3.8	3.4	3.3	3.81	24	8.0
22	2.8	2.3	2.2	2.3	2.1	2.2	2.9	3.8	3.7	3.3	3.2	3.3	3.6	3.1	3.3	3.8	4.4	4.2	3.8	3.5	3.0	3.3	4.0	3.7	3.22	24	7.0
23	3.2	3.5	3.2	3.1	3.2	3.4	4.4	6.4	5.4	4.5	3.9	3.6			3.9	4.4	7.0	6.8	3.9	3.3	3.1	3.7	4.2	4.1	4.16	22	11.0
24	3.8	3.7	4.2	3.4	3.5	3.7	4.0	4.9	7.6	5.1	3.8	3.5	3.8	3.1	3.0	3.0	3.0	2.8	2.5	2.0	2.0	2.1	2.5	3.0	3.48	24	11.0
25	3.0	2.5	2.5	2.5	2.3	2.0	2.2	2.3	2.6	2.4	2.2	2.5	2.8	2.4	3.0	2.8	3.0	3.0	3.0	2.3	2.0	2.0	2.0	2.3	2.47	24	3.0
26*	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.8	2.9	2.9	2.3	2.3	2.5	2.4	2.6	2.3	2.4	3.0	2.8	2.8	3.0	2.9	2.42	24	5.0
27*	2.8	2.9	3.0	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	2.9	3.0	3.0	2.6	4.7	2.7	2.5	2.5	2.86	24	8.0
28	2.9	2.6	2.5	2.1	2.6	4.5	3.2	4.3	3.7	4.3	4.1	4.4	3.5	3.8	3.8	4.0	4.3				3.3	3.0	3.1	3.0	3.36	21	7.0
29	3.2	3.0	3.6	4.0	3.9	4.0	4.1	5.3	5.3	5.3	5.7	5.5	5.1	5.1	5.0	5.7	6.7	5.5	5.2	5.0	5.0	5.0	5.4	5.2	4.85	24	8.0
30	5.0	5.0	5.5	5.3	5.0	5.2	5.8	6.4	6.1	6.8	7.1	7.3		1.9	1.8	1.8	1.9	2.1	2.0	2.0	2.3	2.5	2.6	2.6	4.05	23	8.0
31	2.0	2.3	2.2	2.3	2.1	2.4	2.6	3.9	3.8	3.4	3.4	3.6	3.5	3.4	3.6	3.5	3.9	2.6	2.2	2.3	2.3	2.4	2.7	2.4	2.86	24	6.0
MEAN	2.8	2.7	2.6	2.6	2.6	2.7	3.0	3.8	3.7	3.6	3.5	3.4	3.1	3.0	3.2	3.3	3.8	3.6	3.1	3.1	3.0	3.0	3.2	3.2	3.15		
NO.	31	31	31	31	31	31	31	30	30	31	30	30	28	30	30	31	31	29	30	30	31	31	31	31		731	
MAX.	5.9	5.0	5.5	5.3	5.0	5.2	5.8	6.4	7.6	6.8	7.1	7.3	5.1	5.1	5.0	5.7	7.0	6.8	5.2	6.6	5.6	5.1	8.6	9.3	4.85		12.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-313.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

ST. LOUIS, MISSOURI

TOTAL OXIDANT
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
MEAN																											
NO																											
MAX																											

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-314.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

ST. LOUIS, MISSOURI
TOTAL OXIDANT
FEB. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
MEAN																											
NO.																											
MAX.																											

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used.

TABULATED

Table 3-315.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

ST. LOUIS, MO.

TOTAL OXIDANT
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
6*																											
7																											
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*																											
20*																											
21	.02	.02	.03	.03	.03		.03	.02	.02	.02	.02	.03	.03	.03	.04	.04	.04	.03	.03	.02	.02	.03	.03	.03	.027	23	.04
22	.03	.02	.01	.01	.01		.03	.02	.01	.01	.01	.00	.01	.03	.04	.04	.04	.03	.03	.02	.02	.02	.01	.00	.018	23	.05
23																											
24	.02	.02	.02	.02	.01	.02	.01	.00	.00	.00												.03	.02	.02	.015	13	.03
25	.02		.02	.01	.01	.01	.02	.03	.03	.03	.03	.03	.03	.02	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.04
26*	.04			.03	.03	.03	.02			.04	.04	.04	.03	.04	.04	.04	.04	.04	.03	.03	.03	.02	.02	.02	.033	20	.05
27*	.02		.01	.02	.02	.02	.03	.04	.03	.04	.03	.03	.03	.03	.03	.04	.05	.04	.03	.02	.02	.02	.02	.03	.027	23	.07
28	.03		.02	.02	.02	.01	.03	.03	.03	.04	.04	.06	.06	.06	.03	.06	.06	.06	.05	.04	.04	.04	.04	.03	.040	23	.07
29	.03		.03	.02	.02	.02	.04	.03	.06	.07	.07	.07	.07	.07		.07	.06	.07	.07	.08					.053	18	.08
30																											
31																											
MEAN	8	3	7	8	8	6	8	7	7	8	7	7	7	7	6	7	7	7	7	7	6	7	7	7		166	
NO.																											
MAX.	.04	.02	.03	.03	.03	.03	.04	.04	.06	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.08	.04	.04	.04	.03	.053		.08

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-316.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

TOTAL OXIDANT
APRIL 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																									.009	21	.04
2																									.022	23	.04
3	.01		.01	.02	.02	.01	.00	.02	.01	.00	.01	.02	.02			.02	.01	.00	.01	.00	.00	.01	.01	.01	.019	23	.04
4*	.01		.01	.01	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.03	.03	.02	.02	.02	.02	.02			
5*	.02		.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.01	.01	.01	.02	.02	.01	.02	.02	.02	.01	.02	.02			
6	.02		.02	.02	.01	.02	.02	.03	.03	.02	.03	.04	.03	.03	.03	.03	.02	.03	.03	.02	.02	.03	.03	.02	.025	23	.06
7	.02								.03	.04	.04	.04	.04	.04			.04	.03	.03	.03	.03	.03	.03	.03	.033	15	.05
8	.04									.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.026	16	.04
9	.02		.02	.01	.02	.02	.02	.01	.02	.03	.05	.04	.05	.05	.05	.05	.04	.04	.04	.03	.02	.02	.01	.01	.030	23	.06
10	.01		.01	.02	.02	.02	.02	.02	.03	.06	.08	.05	.04	.06	.06	.07	.06	.05	.05	.05	.04	.04	.02	.03	.040	23	.09
11*	.04		.04	.03	.03	.03	.03	.03	.04	.05	.05	.06	.06	.05	.05	.05	.05	.04	.05	.04	.03	.03	.04	.04	.041	23	.06
12*	.05		.04	.04	.04	.04	.04	.04	.03	.03	.04	.03	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.035	23	.06
13																											
14																											
15	.03						.02	.02	.03	.04		.05	.04	.05	.04	.04	.03			.02	.02	.02	.03	.04	.032	16	.07
16	.04		.04	.02	.02	.01	.01	.02	.02				.05	.05			.03	.04	.04	.06	.06	.05	.03	.03	.034	18	.06
17	.02		.04	.04	.02	.03	.03	.03	.04	.04	.05	.06	.06	.05	.05	.09	.05	.04	.05	.03	.04	.04	.03	.02	.038	23	.06
18*	.02		.02	.03	.03	.03	.02	.03	.03	.04	.05	.05	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.029	23	.06
19*																											
20																											
21																											
22																											
23	.03		.03	.03	.03	.03	.02	.02	.02				.03	.03	.04	.06	.04	.04	.03	.02	.02	.01	.01	.03	.027	17	.07
24	.02			.03	.02	.01	.01	.01	.01	.00	.01	.02	.03	.03	.04	.03	.03	.03	.03	.03	.01	.02	.02	.00	.020	22	.04
25*	.01		.02	.03	.03	.02	.02	.02	.03	.04	.05	.06	.06	.07	.07	.07	.07	.06	.06	.05	.05	.04	.04	.04	.043	23	.07
26*	.05		.05	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.04	.04	.03	.05	.02	.02	.01	.02	.02	.036	23	.10
27	.02		.03	.04	.02	.00	.01	.03	.03	.03	.03	.04							.03	.04	.03	.03	.04	.04	.029	17	.05
28	.03		.01	.02	.02	.02	.03	.03	.04	.04	.04	.03	.03	.03	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.028	23	.04
29	.02		.03	.04	.04	.03	.03	.02	.02	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.02	.034	23	.05
30	.02		.03	.03		.02	.02	.03	.04	.05	.05	.06							.03	.02	.00	.02	.02	.02	.027	16	.06
MEAN	.02		.03	.03	.02	.02	.02	.02	.03	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.02	.03	.02	.02	.030		
NO.	22		18	19	18	19	20	20	21	20	19	20	19	18	16	18	20	19	21	22	22	22	22	22		497	
MAX.	.05		.05	.05	.04	.04	.04	.04	.04	.06	.08	.06	.06	.07	.07	.07	.07	.06	.06	.06	.06	.05	.04	.04	.043		.10

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-317.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.02		.00	.01	.01	.02	.02	.02	.02	.04	.03			.03	.03	.04	.04	.05	.04	.03	.03	.04	.03	.02	.026	21	.06
2*	.03		.04	.03	.03	.03	.03	.04	.05	.08	.07	.08	.08	.08	.06	.06	.06	.05	.05	.07	.09	.16	.04	.02	.057	23	.23
3*	.02		.02	.02	.02	.03	.03	.04	.05	.05	.06	.06	.06	.06	.05	.05	.06	.06	.05	.05	.04	.04	.04	.03	.042	23	.07
4	.03		.03	.04	.03	.02	.03	.04	.05	.04	.05			.04	.04	.04	.03	.04	.03	.03	.04	.04	.04	.03	.035	21	.06
5	.03		.02	.02	.03	.02	.03	.03	.04	.05	.05	.05	.05	.05	.06		.05	.06	.05	.04	.05	.05	.03	.05	.040	22	.07
6	.05		.04	.05	.02	.03	.03	.04	.06	.05	.05	.04	.05	.05	.05	.04	.04	.05	.04	.04	.04	.03	.03	.02	.040	23	.07
7	.02		.03	.03	.03	.02	.02	.05	.04	.05	.06	.06	.06	.05			.03	.03	.03	.02	.02	.03	.02	.03	.034	21	.07
8	.03		.03	.02	.02	.02	.03	.03	.04	.05	.03	.04	.04	.05	.04	.05	.04	.04	.03	.03	.03	.03	.05	.05	.035	23	.07
9*	.04		.04	.04	.04	.04	.04	.06	.07	.07	.07	.07	.07	.06	.06	.06	.06	.06	.05	.04	.03	.03	.03	.03	.049	23	.08
10*	.04		.03	.03	.01	.02	.02	.04	.06	.07	.09	.09	.09	.09	.09	.08	.07	.07	.07	.05	.03	.02	.03	.03	.051	23	.11
11	.03		.02	.02	.02	.03	.04	.04	.04	.05	.06	.06	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.034	23	.06
12	.02		.03	.03	.03	.03	.03	.03	.04	.04	.05	.05	.06	.06	.06	.05	.05	.04	.04	.03	.03	.03	.03	.03	.038	23	.06
13	.03		.03	.03	.02	.02	.03	.03	.03	.03	.04	.04	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.02	.032	23	.05
14	.02		.02	.02	.02	.03	.04	.05	.06	.07	.08	.07	.07	.06	.07	.08	.09	.08	.09	.06	.04	.04	.03	.03	.052	23	.10
15	.03		.04	.05	.04	.05	.06	.07	.06	.07	.07	.08	.08	.07	.06	.08	.07	.04	.03	.03	.03	.03	.04	.04	.053	23	.10
16*	.03		.02	.02	.03	.03	.03	.05	.07	.08	.09	.09	.09	.09	.09	.10	.09	.06	.07	.05	.04	.03	.04	.04	.058	23	.11
17*	.04			.03	.03	.03	.04	.06	.08	.11	.11	.11	.11	.12	.11	.10	.08	.08	.07	.06	.05	.05	.03	.03	.070	22	.13
18	.03		.02	.03	.02	.03	.04	.08	.10	.12	.10	.11	.10	.09	.08	.07	.06	.06	.05	.04	.03	.03	.03	.03	.057	23	.13
19																											
20	.04		.01	.02	.02	.03	.00	.02	.03	.07	.09	.11	.11	.10	.10	.07	.07	.08	.08	.06	.05	.01	.03	.03	.054	23	.14
21	.04		.04	.04	.03	.01	.01	.01	.01	.06	.07	.09	.10	.10	.09	.05	.06	.08	.07	.06	.04	.04	.04	.03	.049	23	.11
22	.04		.04	.03	.04	.01	.01	.02	.01	.03	.05	.07	.07	.07	.07	.03	.04	.02	.03	.04	.04	.03	.03	.04	.037	23	.09
23*	.02		.03	.03	.02	.03	.03	.03	.03	.03	.05	.05	.06	.06	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.039	23	.06
24*	.04		.03	.03	.04	.05	.04	.03	.03	.03	.05	.07	.06	.06	.07	.07	.06	.06	.06	.05	.04	.04	.04	.04	.046	23	.07
25	.03		.02	.02	.02	.02	.03	.04	.05	.05	.04	.07	.10	.10	.12	.09	.08	.07	.04	.04	.03	.04	.03	.02	.050	23	.14
26	.02		.02	.02	.02	.02	.03	.03	.05	.05	.04	.03	.03	.06	.06	.05	.05	.04	.03	.04	.03	.02	.02	.02	.033	23	.07
27	.03		.02	.02	.03	.02	.03	.03	.03	.04	.04	.06	.05	.05	.05	.04	.03	.03	.03	.02	.02	.02	.02	.03	.032	23	.06
28	.04		.06	.05	.03	.04	.03	.03	.03	.03	.04	.04	.03	.04	.04	.04	.04	.04	.03	.03	.02	.02	.03	.02	.034	23	.06
29	.03		.02	.02	.02	.02	.02	.03	.03	.05	.05	.05	.06	.06	.06	.05	.05	.06	.06	.05	.04	.04	.03	.03	.040	23	.07
30*	.02		.02	.02	.01	.02	.02	.03	.04	.05	.06	.07	.08	.08	.07										.041	14	.08
31*																											
MEAN	.03		.03	.03	.02	.02	.03	.04	.04	.06	.06	.07	.07	.06	.06	.06	.05	.05	.05	.04	.04	.04	.03	.03	.044		
NO	29		28	29	29	29	29	29	29	29	29	27	27	29	28	26	28	28	28	28	28	28	28	28		650	
MAX	.05		.06	.05	.04	.05	.06	.08	.10	.12	.11	.11	.11	.12	.12	.10	.09	.08	.09	.07	.09	.16	.05	.05	.070		.23

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-318.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

TOTAL OXIDANT
JUNE 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1													.02	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.008	23	.05
2	.00		.00	.00	.00	.00	.00	.00	.00	.02	.04	.04	.02	.03	.02	.03	.02	.02	.02	.01	.00	.00	.00	.00	.010	23	.03
3	.00		.00	.00	.00	.00	.00	.00	.01	.01	.02	.03					.01	.01	.01	.01	.00	.00	.00	.00	.004	18	.03
4	.00		.00	.00	.00	.00	.00	.01	.00	.01	.01																
5	.00		.01	.01	.01	.00	.00	.00	.00	.00	.02	.02	.02	.01	.01	.02	.01	.01	.01	.00	.00	.00	.00	.00	.007	23	.04
6*	.00		.01	.00	.00	.00	.00	.00	.00	.02	.02	.03	.03	.03	.03	.02	.01	.02	.01	.01	.01	.01	.00	.01	.011	23	.04
7*	.00		.00	.00	.00	.00	.00	.01	.02	.03	.03	.03	.02	.03	.03	.02	.02	.03	.02	.01	.01	.01	.01	.00	.013	23	.04
8	.00		.01	.01	.01	.00	.01	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.04	.03	.03	.03	.03	.01	.02	.022	23	.04
9	.02		.03	.01	.01	.01	.01	.02	.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.014	23	.04
10	.01			.04	.04	.02	.01	.02	.03	.04	.06	.09	.09	.09	.09	.08	.06	.06	.03	.03	.02	.01	.02	.01	.042	22	.11
11	.01		.02	.01	.02	.01	.02	.02	.03	.04	.05	.06	.07	.06			.06	.07	.06	.06	.05	.04	.03	.02	.038	21	.08
12	.02		.01	.01	.02	.02	.01	.02	.02	.04	.05	.05	.03	.02	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.019	23	.06
13*	.01		.00	.01	.01	.00	.01	.01	.00	.01	.01	.01	.02	.05	.04	.03	.02	.02	.03	.03	.01	.01	.01	.01	.015	23	.08
14*	.01		.01	.00	.00	.00	.01	.02	.03	.04	.04	.04	.04	.04	.04	.02	.02	.02	.02	.02	.01	.01	.01	.02	.020	23	.06
15	.02		.02	.02	.02	.01	.02	.04	.05	.04	.02	.03	.04	.05	.05	.04	.04	.04	.04	.03	.02	.01	.02	.04	.029	23	.06
16	.02		.03	.02	.02	.02	.02	.01	.02	.03	.05	.07	.08				.05	.04	.06	.06	.05	.02	.01	.03	.02	.034	21	.11
17	.02		.02	.03	.02	.01	.01	.01	.01	.03	.02	.03	.03	.02	.01	.02	.01	.00	.01	.01	.00	.01	.02	.02	.01	.016	23	.04
18	.01		.01	.01	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.00	.01	.01	.01	.01	.00	.01	.00	.01	.01	.01	.006	23	.02
19	.00		.00	.00	.00	.00	.00	.00	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.01	.01	.01	.01	.00	.01	.01	.012	23	.03
20*	.01		.01	.00	.01	.01	.01	.01	.02	.03	.04	.03	.03	.04	.03	.03	.03	.02	.02	.02	.01	.02	.01	.01	.019	23	.05
21*	.01		.01	.01	.01	.04	.04	.03	.03	.03	.05	.07	.07	.04											.034	13	.09
22										.04	.05	.05	.05	.04	.03	.02	.02	.01	.02	.02	.00	.01	.00	.01	.023	19	.06
23	.02		.03	.03	.02	.01			.04	.05	.05	.06	.06	.05	.05	.04	.04	.05	.05	.04	.03	.02	.02	.01	.036	21	.08
24	.02		.03	.02	.02	.02			.04	.04	.05	.05	.06	.05	.04	.04	.05	.05	.04	.04	.01	.02	.01	.00	.033	21	.07
25	.01		.01	.00	.00	.00	.01	.02	.06	.05	.04	.08	.07	.07			.06	.06	.05	.03	.02	.01	.00	.02	.031	21	.10
26	.01		.02	.02	.03	.01	.02	.04	.03	.05	.08	.10	.08	.07	.08	.07	.07	.08	.08	.05	.02	.04	.03	.02	.046	23	.13
27*	.01		.02	.04	.02	.01	.00	.02	.08	.12	.09	.09	.09	.08	.09	.09	.09	.09	.08	.06	.07	.05	.05	.05	.060	23	.14
28*	.02		.03	.02	.01	.01	.03	.05	.07	.10	.11	.10	.10	.11	.10	.09	.10	.09	.05	.04	.02	.03	.04	.05	.058	23	.13
29																											
30																											
MEAN	.01		.01	.01	.01	.01	.01	.02	.02	.03	.04	.05	.05	.04	.04	.03	.03	.03	.03	.02	.02	.01	.01	.01	.024		
NO	26		25	26	26	26	24	24	26	27	27	26	26	25	22	23	26	26	26	26	26	26	26	26		587	
MAX	.02		.03	.04	.04	.04	.04	.05	.08	.12	.11	.10	.10	.11	.10	.09	.10	.09	.08	.06	.07	.05	.05	.05	.060		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-319.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1										.02	.02	.02	.01	.02	.02	.02	.02	.03	.02	.01	.26	.03	.01	.01	.034	15	.85
2	.01		.01	.01	.01	.01		.05	.05	.05	.06	.05	.03	.03	.04	.03	.04	.04	.03	.02	.01	.01	.01	.01	.027	22	.08
3	.01		.01	.01	.01	.01	.01	.02	.03	.02	.03	.04	.04	.09	.06	.04	.04	.04	.03	.02	.01	.01	.01	.01	.026	23	.12
4*	.02		.02	.01	.01	.01		.02	.02	.02	.03	.06	.04	.05	.05	.04	.04	.05	.03	.02	.01	.01	.01	.01	.026	22	.08
5*																											
6																											
7	.02		.01	.01	.01	.00	.00	.01	.03	.04	.04	.05	.05	.04	.08	.08	.09	.08	.07	.05	.03	.03	.01	.02	.036	23	.12
8	.03		.02	.01	.01	.01	.01	.03	.03	.01	.02	.03	.07	.03	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.014	23	.08
9	.00		.01	.01	.01	.00	.00	.04	.05	.07	.07	.08	.06	.06		.03	.03	.03	.01	.01	.00	.00	.00	.01	.025	22	.10
10	.01		.02	.01	.02	.01	.00	.01	.03	.02	.05	.08	.05	.08	.10	.09	.08	.08	.04	.03	.02	.02	.02	.01	.038	23	.12
11*	.01		.03	.01	.02	.02	.02	.03	.03	.05	.06	.08	.07	.07	.05	.03	.02	.02	.02	.02	.02	.02	.02	.02	.033	23	.10
12*	.02		.04	.04	.04	.03	.05	.05	.04	.04	.05	.05	.05	.05	.04	.04	.05	.04	.04	.03	.03	.02	.02	.02	.037	23	.06
13	.03		.02	.02	.02	.01	.01	.03	.03	.04	.04	.04	.03	.04	.03	.03	.03	.03	.04	.02	.02	.01	.01	.01	.025	23	.05
14	.01		.02	.02	.01	.00	.01	.02	.04	.04	.04	.05	.05	.05	.04	.04	.03	.03	.03	.02	.02	.01	.01	.00	.025	23	.07
15	.00		.02	.01	.01	.00	.01	.01	.02	.04	.05	.05	.06	.05	.05	.04	.04	.05	.04	.03	.03	.02	.02	.02	.028	23	.07
16	.03		.03	.04	.03	.02	.03	.03	.04	.04	.06	.07	.07	.07	.06	.05	.05	.05	.04	.03	.03	.02	.02	.02	.039	23	.10
17																											
18*																											
19*	.01		.01	.01	.00	.01	.02	.06	.07	.07	.08	.13	.13	.14	.11	.08	.08	.09	.06	.06	.05	.04	.04	.04	.059	23	.15
20	.04			.03	.02	.02	.01	.03	.04	.05	.05	.07	.08	.06	.06	.04	.06	.06	.06	.05	.03	.04	.04	.02	.043	22	.10
21	.02		.02	.02	.02	.02	.03	.03	.04	.06	.03	.05	.07	.05	.05	.05	.09	.06	.05	.05	.04	.04	.04	.03	.041	23	.10
22	.04		.01	.02	.03	.02	.01	.03	.07	.07	.06	.06	.05	.05	.05	.03	.05	.05	.05	.05	.04	.03	.03	.03	.040	23	.09
23	.02		.02	.01	.01	.01	.01	.02	.04	.06	.05	.06	.07	.06	.06	.06	.06	.07	.07	.06	.04	.02	.02	.02	.040	23	.09
24	.03			.01	.01	.01	.02	.05	.07	.08	.07	.08	.09	.09	.10	.07	.06	.07	.06	.05	.03	.03	.03	.03	.051	22	.12
25*	.03		.01	.01	.01	.01	.03	.06	.09	.08	.08	.10	.11	.11	.13	.11	.15	.11	.09	.05	.04	.04	.05	.04	.067	23	.17
26*	.05		.05	.04	.02	.01	.03	.04	.05	.07	.08	.10	.10	.11	.10	.10	.10	.09	.07	.06	.03	.02	.02	.03	.059	23	.12
27	.03		.03	.01	.03	.02	.01	.03	.05	.06	.07	.08	.09	.10	.09	.06	.05	.05	.05	.04	.03	.03	.02	.02	.044	23	.13
28	.02		.01	.02	.02	.01	.01	.01	.04	.05	.05	.05	.06	.07					.03	.04	.03	.03	.04	.03	.032	19	.08
29	.03		.03	.02	.03	.03	.02	.04	.04	.05	.05	.05	.07	.07	.06	.05	.05	.05	.04	.04	.03	.03	.03	.03	.040	23	.09
30	.03		.03	.02	.02	.01	.02	.02	.02	.04	.05	.07	.08	.07	.05	.05	.04	.06	.05	.04	.03	.03	.02	.03	.037	23	.11
31																											
MEAN	.02		.02	.02	.02	.01	.02	.03	.04	.05	.05	.06	.06	.06	.06	.05	.05	.05	.04	.03	.04	.02	.02	.02	.037		
NO	25		23	25	25	25	23	25	25	26	26	26	26	26	24	25	25	25	26	26	26	26	26	26		581	
MAX	.05		.05	.04	.04	.03	.05	.06	.09	.08	.08	.13	.13	.14	.13	.11	.15	.11	.09	.06	.26	.04	.05	.04	.067		.85

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

Table 3-320.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS,MO.

TOTAL OXIDANT
AUG. 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*											.08	.09	.08	.07	.05	.05	.04	.05	.04	.02	.02	.02	.02		.048	13	.14
2*																											
3																											
4																											
5																											
6	.03		.02	.03	.02	.02	.04	.04	.05							.05	.05	.06	.06	.05	.03	.03	.03	.03	.037	17	.08
7	.04		.03	.02	.02	.03	.03	.03	.06	.08	.09	.10	.10	.10	.10	.10	.10	.08	.08	.05	.03	.02	.02	.02	.058	23*	.11
8*	.02		.02	.02	.02	.01	.02	.03	.03	.03	.05	.06	.06	.07	.06	.05	.06	.05	.03	.02	.02	.02	.02	.02	.034	23	.09
9*	.02		.02	.03	.04	.03	.03	.04	.06	.06	.07	.07	.07	.06	.07	.08	.09	.08	.07	.05	.03	.04	.05	.04	.052	23	.10
10	.05		.04	.04	.04	.03	.04	.04	.04	.06	.06	.07	.07	.07	.06	.05	.05	.05	.05	.04	.03	.03	.02	.02	.045	23	.08
11	.02		.02	.03	.02	.02	.02	.04	.05	.06	.07	.06	.07	.06	.04	.04	.04	.04	.04	.03	.03	.03	.03	.02	.037	23	.08
12	.03		.03	.03	.03	.02	.02	.03	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.04	.03	.02	.02	.02	.02	.034	23	.09
13	.01		.01	.01	.01	.02	.02	.04	.05	.05	.05	.06	.06	.05			.05	.04	.03	.02	.03	.02	.02	.02	.031	21	.07
14	.03		.03	.03	.02	.02	.03	.03	.03		.03	.03	.04	.04	.04	.04	.05	.05	.05	.04	.03	.03	.03	.03	.033	22	.07
15*	.03		.02	.01	.02	.02	.03	.03	.04	.05	.05	.06	.06	.05	.05	.06	.06	.06	.05	.05	.04	.04	.03	.03	.039	23	.07
16*	.02		.02	.02	.02	.02	.02	.03	.07	.07	.09	.09	.10	.11	.12	.14	.15	.14	.11	.07	.05	.03	.04	.03	.066	23	.16
17	.02		.03	.03	.02	.03	.02	.04	.08	.13	.15	.13	.12	.12	.11	.11	.09	.10	.07	.05	.04	.03	.03	.04	.070	23	.17
18	.04		.04	.04	.04	.03	.03	.03	.04	.04	.05	.05				.08	.10	.12	.12	.12	.09	.05	.04	.04	.059	20	.15
19	.04		.04	.03	.03	.03	.04	.04	.04	.06	.09		.07		.08	.07	.06	.06	.05	.04	.03	.03	.03	.03	.046	21	.12
20	.03		.04	.03	.02	.02	.03	.03	.04					.05	.04	.04	.04	.03	.04	.04	.03	.03	.03	.04	.054	19	.09
21	.05		.04	.03	.04	.03	.02	.02	.02	.03	.02	.02	.02	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.024	23	.05
22*	.02		.02	.02	.02	.01	.01	.01	.01	.02	.04	.05	.05	.05	.05	.05	.05	.05	.05	.04	.03	.03	.02	.02	.031	23	.06
23*	.02		.02	.02	.02	.02	.02	.03	.03	.05	.05	.05	.06	.06	.05	.05	.05	.06	.05	.03	.02	.02	.02	.03	.036	23	.06
24																											
25																											
26																											
27																											
28	.01		.01	.01	.02	.02	.00	.00	.01	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.01	.01	.01	.01	.018	23	.04
29*	.01		.01	.01	.01	.01	.01	.01	.03	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.017	23	.03
30*	.01		.01	.01	.01	.01	.01	.01	.01	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.01	.015	23	.04
31	.01		.01	.01	.01	.00	.02	.01	.02	.02	.03	.03	.03	.04	.04	.05	.05	.04	.03	.02	.02	.02	.01	.01	.022	23	.07
MEAN	.02		.02	.02	.02	.02	.02	.03	.04	.05	.06	.06	.06	.06	.06	.06	.06	.06	.05	.04	.03	.02	.02	.02	.038		
NO	24		22	22	22	22	22	22	22	19	21	20	20	20	20	22	23	23	23	23	23	23	23	24		501	
MAX	.05		.04	.04	.04	.03	.04	.04	.08	.13	.15	.13	.12	.12	.12	.14	.15	.14	.12	.12	.09	.05	.05	.04	.070		.17

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-321.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01		.01	.01	.01	.01	.02	.02	.03	.03	.03	.04	.05	.05	.04	.04	.04	.04	.04	.02	.02	.02	.02	.02	.027	23	.06
2	.02		.01	.02	.01	.02	.03	.02	.03	.03	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.03	.03	.03	.02	.029	23	.06
3	.02		.02	.01	.02	.02	.03	.03	.04	.04									.04	.04	.03	.03	.02	.02	.027	19	.05
4	.02			.03	.03	.02	.02	.03	.03	.03	.04	.04	.03	.03	.03	.04	.03	.02	.02	.01	.01	.01	.01	.02	.025	22	.05
5*	.01		.01	.01	.01	.01			.02	.02	.03	.03	.03	.03	.03	.03	.04	.03	.02	.02	.02	.02	.02	.02	.023	21	.06
6*	.02		.02	.02	.01	.01	.02	.02	.03	.04	.05	.06	.06	.06	.06	.05	.05	.04	.04	.04	.03	.02	.02	.02	.034	23	.06
7	.02		.02	.02	.02	.02	.02	.03	.03	.03	.04	.05	.05						.02	.02	.02			.02	.026	16	.05
8										.04	.05	.04	.05	.05	.04	.04	.04	.03	.03	.03	.03	.02	.02	.02	.035	15	.06
9	.02		.02	.02	.02	.02	.02	.03	.04	.06		.05	.05	.05	.05	.04	.04	.04	.04	.03	.03	.03	.03	.02	.033	22	.06
10	.02		.02	.02	.02	.02	.02	.02	.04	.05	.05	.05	.09	.06				.03	.03	.03	.03	.03	.03	.02	.032	20	.07
11	.02		.01	.02	.01	.01	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.017	23	.05
12*	.01		.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.024	23	.05
13*	.02		.01	.01	.01	.01	.02	.02	.03	.04	.04	.04	.05	.05	.05	.04	.04	.04	.03	.02	.02	.02	.02	.02	.028	23	.05
14	.02		.01	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.03	.18	.25	.02	.02	.02	.02	.044	23	.50
15	.01		.01	.01	.02	.02	.02	.04	.03	.04		.08	.09	.08	.07	.05	.04	.04	.02	.02	.02	.02	.02	.02	.034	22	.10
16	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.022	23	.04
17	.02		.02	.02	.02	.01	.02	.02	.01			.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.019	14	.03
18	.02			.01	.02	.02	.02	.02	.02	.01	.02	.02					.02	.01	.01	.01	.01	.01	.01	.01	.014	18	.04
19*	.01		.01	.01	.01	.01	.01	.02	.04	.03	.04	.04	.04	.04	.04	.04	.04	.04	.03	.02	.02	.02	.02	.02	.027	23	.06
20*	.02		.01	.01	.01	.01	.01	.02		.02	.04	.04	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.024	22	.05
21	.02		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.01	.01	.01	.00	.00	.008	23	.02
22	.01		.01	.01	.01	.01	.00	.00	.01	.03	.03	.03	.04	.04	.02	.02	.01	.01	.01	.00	.00	.01	.01	.01	.014	23	.05
23	.01			.03	.03	.02	.01	.01	.02	.03	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.01	.01	.02	.020	22	.03
24	.02		.01	.02	.01	.01	.01			.02	.02	.02	.02				.02	.02	.01	.01	.01	.01	.02	.02	.015	18	.03
25	.01			.01	.01	.02	.04			.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.01	.01	.02	.03	.020	20	.06
26*	.02		.02	.02	.02	.02	.02	.01	.02	.01	.02	.01	.01	.01	.01	.02	.01	.02	.02	.02	.03	.02	.02	.02	.018	23	.03
27*	.02		.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02				.02	.01	.01	.01	.01	.01	.01	.013	20	.02
28	.01		.01	.01	.01	.01	.03	.02	.01		.02	.02								.02	.01	.02	.01	.02	.014	15	.04
29	.02		.03	.02	.02	.03	.05	.04	.04		.04	.03	.05	.06	.05	.04	.03	.03	.02	.02	.02	.02	.02	.02	.031	22	.07
30	.02		.02	.02	.02	.02	.03	.03	.04										.03	.03	.04	.04	.04	.04	.029	14	.06
MEAN	.02		.01	.02	.01	.02	.02	.02	.02	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.024		
NO	29		25	29	29	29	28	26	26	26	25	28	26	24	21	21	24	26	29	30	30	29	29	30		619	
MAX	.02		.03	.03	.03	.03	.05	.04	.04	.06	.05	.08	.09	.08	.07	.05	.05	.05	.18	.25	.04	.04	.04	.04	.044		.50

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-322.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

TOTAL OXIDANT
OCT. 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03		.03	.03	.03	.05	.06	.06	.06	.06	.06	.07	.07	.06				.04	.04	.03	.04	.03	.03	.02	.048	20	.09
2	.02		.02	.02	.02	.02	.02	.01	.02			.04	.05	.05	.05	.05	.04	.04	.03	.03	.03	.03	.03	.05	.051	21	.07
3*	.07		.07	.08	.05	.06	.06	.05	.05	.05	.05	.05	.06	.06	.06	.05	.05	.04	.04	.03	.04	.05	.04	.03	.051	23	.09
4*	.04		.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.05	.05			.04	.03	.03	.03	.02	.02	.02	.02	.034	21	.05
5	.02		.03	.02	.02	.02	.03	.03	.03	.05	.05	.05	.05	.04	.04	.04	.04	.03	.03	.03	.04	.04	.04	.04	.035	23	.05
6	.03		.03	.03	.03	.03	.05	.05	.05		.06	.06	.06	.04	.04	.04	.03	.03	.04	.04	.03	.02	.03	.03	.039	22	.07
7	.02		.02	.02	.02	.04	.06	.05	.05							.05	.04	.04	.04	.04	.04	.04	.04	.04	.037	17	.09
8	.04		.03	.03	.03	.03	.05	.03	.03	.03	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.030	23	.07
9	.02		.02	.03	.02	.02	.02	.02	.03	.04	.05	.05	.05	.05	.04	.04	.04	.03	.02	.03	.02	.02	.02	.02	.030	23	.06
10*	.02		.02	.02	.02	.02	.02	.01	.02	.03	.04	.04	.05	.05	.05	.05	.05	.04	.03	.03	.03	.02	.03	.02	.030	23	.06
11*	.02		.02	.02	.02	.02	.02	.03	.04	.05	.05	.06	.07	.07	.07	.06	.06	.05	.06	.02	.03	.03	.03	.03	.040	23	.16
12	.03		.03	.03	.04	.03	.05	.06	.05	.05	.07	.08	.07	.07			.05	.04	.03	.03	.03	.03	.03	.03	.043	21	.09
13	.03		.04	.04	.04	.05	.10	.12	.07	.05	.08	.08	.04	.08	.09	.08	.07	.06	.04	.03	.04	.03	.03	.03	.059	23	.18
14	.03		.03	.03	.03	.03	.06	.07	.05	.06	.07	.08	.07	.11	.10	.08	.06	.05	.03	.03	.03	.03	.03	.03	.051	23	.13
15	.03		.02	.02	.03	.03	.04	.07	.06	.07	.06	.06					.06	.06	.04	.04	.03	.04	.03	.03	.043	19	.10
16	.02			.03	.03	.03	.06	.08	.05	.07	.08	.08	.08	.10	.11	.10	.08	.08	.06	.08	.09	.08	.06	.04	.067	22	.14
17*	.04		.04	.04	.04	.04	.05	.05	.06	.09	.11					.06	.06	.14	.09	.06	.05	.04	.04	.05	.061	19	.32
18*	.04		.03	.04	.04	.04	.03	.04	.03	.03	.03	.04	.04	.03	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.050	23	.05
19	.02		.03	.01	.02	.01	.01	.01	.02	.03	.04	.04	.04	.04	.04	.04	.03	.02	.03	.02	.03	.02	.02	.02	.028	23	.07
20	.02		.01	.01	.01	.01	.01	.00	.01	.02	.03	.03	.04	.03	.03	.02	.01	.01	.01	.01	.00	.00	.00	.01	.014	23	.05
21	.01		.02	.01	.02	.02	.01	.01	.03	.03	.03	.03	.04	.03	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.016	23	.05
22	.01		.00	.00	.00	.00	.00	.00	.00	.00			.01	.02			.01	.01	.01	.00	.00	.00	.00	.00	.004	19	.03
23	.00			.01	.01	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.00	.00	.01	.01	.01	.00	.02	.05	.02	.009	22	.11
24*		.01	.01	.01	.01	.01	.01	.02	.02	.04				.02	.02	.03	.03	.01	.01	.01	.01	.02	.02	.02	.017	20	.05
25*		.01	.01	.02	.01	.01	.02	.01	.01	.02	.01	.01	.05	.05	.05	.05	.04	.04	.02	.03	.03	.04	.03	.02	.028	23	.07
26	.03		.02	.02	.02	.02	.02	.02	.01	.01			.05	.05	.05	.05	.05	.05	.04	.04	.03	.03	.03	.03	.031	21	.09
27	.03		.04	.04	.03	.03	.03	.05	.04	.04	.03		.04		.03	.03	.05	.05	.03	.02	.02	.03	.03	.03	.035	21	.10
28	.03		.02	.02	.02	.02	.03	.03	.04	.06	.08	.06	.04	.04	.04	.03	.03	.03	.04	.03	.04	.03	.03	.04	.036	23	.09
29	.04		.03	.02	.02	.02	.02	.02	.03	.04	.04						.04	.04	.03	.03	.02	.02	.02	.02	.027	18	.06
30																											
31*																											
MEAN	.03		.03	.02	.02	.03	.03	.04	.03	.04	.05	.05	.05	.05	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.034		
NO	27	2	27	29	29	29	29	29	29	26	24	22	24	24	21	23	28	29	29	29	29	29	29	29		625	
MAX	.07	.01	.07	.08	.05	.06	.10	.12	.07	.09	.11	.08	.09	.11	.11	.10	.08	.14	.09	.08	.09	.08	.06	.05	.067		.32

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-323.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1*																											
2	.02		.03	.02	.03	.03	.03	.05	.05	.04	.04	.05	.05	.05			.04	.04	.03	.03	.03	.03	.03	.02	.035	21	.07
3	.03		.03	.03	.03	.03	.03	.05	.04	.04	.04	.05	.05	.05	.05	.04	.05	.04	.03	.04	.04	.03	.03	.03	.038	23	.09
4	.03		.03	.03	.02	.02	.04	.08	.06	.05	.06	.05	.05	.05	.05	.04	.05	.04	.04	.04	.04	.04	.04	.04	.043	23	.10
5	.03		.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.04	.05			.03	.03	.03	.03	.03	.02	.02	.02	.028	21	.06
6	.02			.02	.02	.02	.03	.05	.04	.03	.05	.05	.05	.05	.06	.06	.06	.05	.03	.04	.04	.03	.05	.03	.039	22	.08
7*	.03		.03	.02	.03	.03	.03	.03	.04	.03	.03	.05	.05	.06	.06	.04	.05	.04	.03	.03	.03	.02	.03	.03	.038	23	.08
8*	.03		.03	.03	.03	.03	.03	.04	.05	.05	.06	.04	.07	.10	.09	.08	.06	.04	.04	.04	.04	.04	.04	.03	.047	23	.13
9	.03		.04	.03	.02	.02	.03	.05	.04	.04		.04	.05	.04	.03	.04	.05	.05	.03	.03	.04	.04	.03	.03	.036	22	.09
10	.02		.02	.02	.02	.02	.03	.05	.04	.04	.04	.04	.04	.05	.04	.04	.04	.04	.03	.04	.05	.05	.04	.03	.035	23	.06
11	.03		.03	.04	.04	.03	.04	.03	.04	.04	.05	.05	.05	.05	.05	.05	.04	.04	.05	.04	.04	.03	.03	.04	.040	23	.06
12	.04		.04	.03	.03	.03	.03	.03	.04	.03	.04	.05	.03			.04	.03	.03	.03	.02	.02	.02	.02	.02	.031	21	.05
13	.01		.02	.01	.01	.01	.01	.04	.01	.02	.01	.02	.04	.04	.03	.04	.02	.02	.04	.06	.02	.03	.03	.02	.024	23	.09
14*	.02		.02	.01	.02	.02	.01	.01	.01	.01	.02	.04	.05			.05	.04	.04	.04	.02	.03	.03	.03	.03	.025	21	.08
15*	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.01	.025	23	.04
16	.01		.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.019	23	.04
17	.01		.01	.01	.01	.01	.02	.03	.02	.02	.02	.04		.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	22	.05
18	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03	.03	.02	.02	.02	.02	.02	.02	.021	23	.07
19	.02		.01	.02	.02	.02	.02	.04	.03	.02	.02	.02	.02	.03			.03	.02	.02	.02	.02	.02	.02	.02	.022	21	.06
20	.02			.02	.02	.02	.03	.04	.03		.04	.03	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.024	21	.08
21*	.02		.02	.02	.02	.02	.01	.01	.02	.02	.03	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.01	.00	.00	.016	23	.03
22*	.01		.00	.01	.01	.01	.01	.01	.00	.02	.02	.01	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.00	.00	.011	23	.03
23	.01		.00	.01	.01	.00	.00	.02	.02	.00	.00	.01	.02	.02	.02		.02	.02	.01	.01	.01	.00	.01	.01	.010	22	.04
24	.00		.01	.01	.01	.01	.02	.02	.02	.01	.00	.01	.01			.02	.04	.04	.02	.02	.01	.01	.02	.02	.015	21	.08
25	.02		.01	.02	.01	.01	.01	.02	.03	.04		.05	.05	.04	.04	.04	.03	.06	.04	.03	.02	.02	.02	.02	.029	22	.09
26	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.019	23	.03
27	.01		.01	.01	.01	.01	.02	.04	.03	.03	.03	.03	.03	.05	.04	.04	.04	.02	.02	.01	.02	.02	.02	.01	.023	23	.06
28*	.02		.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.04	.03	.02	.02	.02	.01	.02	.01	.01	.01	.017	23	.04
29*	.02		.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.013	23	.02
30	.01		.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.02	.03			.01	.01	.00	.00	.00	.01	.00	.01	.008	21	.05
MEAN	.02		.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.026		
NO.	29		27	29	29	29	29	29	29	28	27	29	28	26	22	24	29	29	29	29	29	29	29	29		646	
MAX	.04		.04	.04	.04	.03	.04	.08	.06	.05	.06	.05	.07	.10	.09	.08	.06	.06	.05	.06	.05	.05	.05	.04	.047		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

Table 3-324.

CONTINUOUS AIR MONITORING PROJECT

Department of Health, Education, and Welfare
Consumer Protection & Environmental Health Service
National Air Pollution Control Administration
Air Quality & Emission Data Program

Cincinnati, Ohio 45227

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

TOTAL OXIDANT
DEC. 1964

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01			.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01		.03	.02	.01	.02	.01	.01	.03	.10	.024	21	.28
2	.02		.01	.01	.06	.13	.01	.04	.04	.03	.03	.03	.02	.02	.02	.02	.02	.03	.02	.02	.01	.01	.01	.01	.028	23	.31
3	.01		.01	.01	.01	.01	.01	.02	.02	.02	.02									.02	.02	.02	.02	.02	.015	19	.03
4	.01		.01	.01	.01	.01	.02	.02	.02	.01		.02	.02	.02	.03	.03	.03	.02	.01	.01	.02	.02	.02	.02	.017	22	.04
5*	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.020	23	.03
6*	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.014	23	.03
7	.02		.01	.01	.01	.02	.02	.05	.03	.03	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.04	.03	.03	.027	23	.07
8	.02		.02	.02	.02	.02	.02	.04	.03	.03	.03	.03	.04	.04	.04	.03	.04	.04	.02	.02	.03	.03	.03	.03	.028	23	.08
9	.02		.03	.02	.02	.02	.03	.04	.04			.02	.02	.02	.03	.03	.05	.05	.03	.02	.03	.03	.03	.03	.028	21	.11
10	.02		.02	.02	.02	.02	.04	.06	.04	.03	.03	.04	.03	.02	.04	.03	.07	.06	.04	.04	.04	.04	.04	.04	.035	23	.11
11	.03		.02	.02	.02	.02	.04	.04	.05	.04	.04	.03	.03	.03	.02	.03	.03	.03	.03	.04	.03	.04	.07	.07	.034	23	.09
12*	.04		.02	.01	.02	.02	.02		.03	.02	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.02	.026	22	.05
13*	.01		.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03			.02	.01	.00	.00	.00	.00	.01	.02	.017	21	.04
14	.01		.02	.02	.02	.01	.01	.01	.01	.01	.01	.03	.03	.03	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.015	23	.03
15	.01		.01	.01	.01	.01	.00	.01	.01	.00	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.00	.00	.01	.02	.009	23	.04
16	.01		.00	.01	.03	.03	.02	.04	.03	.03	.02					.03	.06	.05	.02	.02	.02	.01	.01	.01	.022	19	.08
17	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.02
18	.01		.01	.00	.00	.00	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.01
19*	.00		.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.01	.01	.004	23	.03
20*	.00		.00	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.02	.02	.00	.00	.01	.01	.01	.00	.02	.00	.02	.011	23	.06
21	.00		.01	.00	.01	.01	.02	.03	.03	.03	.01	.02	.02	.00	.02	.04	.04	.03	.03	.05	.02	.02	.01	.02	.020	23	.09
22	.01		.01	.01	.01	.01	.02	.03	.03	.02	.02	.02	.02	.03	.03	.03	.04	.05	.04	.03		.02	.04	.03	.024	22	.07
23	.03		.02	.02	.02	.02	.04	.08	.06	.04		.03	.03	.03			.05	.05	.02	.02	.02	.02	.03	.02	.032	20	.09
24	.03			.02	.02	.02	.03	.04	.04	.02	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.02	.01	.01	.01	.017	22	.06
25	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.02	.02	.02	.01	.02	.01	.01	.01	.01	.01	.014	23	.03
26*	.01		.01	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.01	.01	.01	.02	.02	.017	23	.03
27*	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.03	.02	.01	.02	.02	.02	.02	.02	.02	.017	23	.03
28	.02		.02	.02	.02	.02	.02	.05	.04	.03	.03	.03	.03	.03					.02	.01	.01	.01	.02	.02	.022	19	.07
29	.02		.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04								.02	.02	.03	.03	.025	16	.05
30	.02		.02	.02	.02	.02	.01	.01	.02	.02	.01	.02	.02	.03	.03	.03	.03	.02	.03	.03	.02	.02		.03	.021	22	.06
31	.03		.02	.02	.02	.02	.03	.06	.06	.04	.04	.04	.04	.04	.04	.04	.06	.04	.03	.03	.02	.03	.04	.02	.035	23	.10
MEAN	.01		.01	.01	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.020		
NO.	31		29	31	31	31	31	30	31	30	28	29	29	28	25	25	28	28	29	30	30	31	30	31		676	
MAX.	.04		.03	.03	.06	.13	.04	.08	.06	.04	.04	.04	.04	.04	.04	.04	.07	.06	.04	.05	.04	.04	.07	.18	.035		.31

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., DEC. 4, 1968

TABULATED 10/30/68

Table 3-325.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — ST LOUIS MISSOURI — JAN/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG															
N(3)															
MAX*															

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-326.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

ST LOUIS MISSOURI FEB/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
AVG															
N(3)													000		
MAX*													.0		0.0

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-327.

TABULATED 10/30/68

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	ST LOUIS MISSOURI AVG	N (1)	MARCH/64 MAX (2)
01															
02															
03															
04															
05															
06						0.9	0.4	1.0	0.9	0.6	0.7	0.5	0.75	07	1.0
07	0.4	0.6	0.6	1.0	0.8	1.1	1.3	0.7	0.8	1.2	0.9	1.1	0.93	12	1.3
08	1.2	0.7	1.0	1.0	1.1	1.5	2.4	1.1	1.3	1.0	0.7	0.4	1.14	12	2.4
09	0.4	0.6	0.5	1.1	1.5	1.0	1.3	1.5	1.9	1.2	0.7	0.6	1.07	12	1.9
10	0.7	0.9	0.9	1.6	1.3	1.0	0.8	0.5	2.9	3.6	2.5	1.4	1.54	12	3.6
11	1.4	1.3	1.7	3.4	3.9	3.3	3.3	2.9	4.0	4.2	2.2	1.4	2.78	12	4.2
12	0.9	0.5	1.3	1.7	2.5										
13															
14															
15															
16									0.5	0.7	0.6	1.0			
17	2.2	1.5	1.2	1.5	0.8	0.8	0.8	0.8	1.1	0.8	0.8	0.7	1.12	12	2.2
18	1.3	0.8	0.8	1.9	1.8	2.0	1.2	1.5	2.2	2.6	2.6	2.2	1.79	12	2.6
19	1.9	1.4	1.8	3.4	2.9	2.1	2.6	2.5	1.7	1.1	1.4	1.4	2.07	12	3.4
20	1.2	1.2	1.6	3.5	1.9										
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG															
N(3)														103	
MAX*													2.78		4.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-328.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

ST LOUIS MISSOURI — APRIL/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01						1.8	1.5	1.6	1.8	0.6	1.1	0.5	1.30	07	1.8
02						1.0	1.4	1.8	2.2	2.1	1.6	1.8	1.35	12	2.2
03	0.7	0.6	0.6	0.9	0.9	1.3	0.9	0.5	0.6	1.1	1.7	1.3	1.32	12	2.3
04	1.7	1.0	0.8	2.3	2.2										
05						1.8	1.1	0.9	1.9	1.6	1.1	2.0	1.99	12	4.3
06	2.1	1.3	1.9	4.7	2.1	0.7	0.5	0.7	0.9	0.5	0.7	0.5	0.87	08	2.3
07	2.3					1.1	1.1	1.0	0.9	1.0	1.6	1.5	1.01	12	1.6
08	0.2	0.2	0.6	1.1	1.3	0.6	0.7	0.9	0.9	1.5	3.3	2.5	1.73	12	3.3
09	1.0	1.9	1.9	3.2	1.9	1.6	1.4	1.8	2.3	2.0	2.0	1.7	1.88	07	2.3
10															
11	1.1	1.2	1.6	1.5	1.2	1.1	1.0	0.6	0.9	0.8	1.1	0.9	1.12	12	1.6
12	0.5	0.3	0.6	0.4	0.8	0.5	0.7	0.5	0.3	0.2	0.5	0.3	0.51	12	0.8
13	0.5	0.7	0.3	0.9	0.8	0.6	0.7	0.6	0.8	0.5	1.1	1.2	0.77	12	1.2
14	0.7	0.7	0.9	1.4	0.9	0.6	0.7	0.9	0.6	0.5	0.6	0.9	0.83	12	1.4
15	0.9	1.2	1.1	4.1	1.5	0.7	1.1	1.5	1.7	1.1	1.3	0.9	1.46	12	4.1
16	0.6	0.4	1.1	1.6	1.6	1.2	1.2	1.2	1.6	1.2	0.9	0.8	1.16	12	1.6
17	2.6	0.8	1.0	1.5	1.7										
18	1.1	0.8	0.9	1.1	1.1	0.9	0.6	0.9	0.8	1.7	1.3	2.2	1.16	12	2.2
19	1.2	1.2	1.4	1.9	1.7	1.5	1.1	1.2	1.0	1.2	1.0	0.5	1.28	12	1.9
20	0.7	0.8	0.6	1.4	1.5	2.3	1.7	1.6	1.6	1.0	1.3	0.8	1.31	12	2.3
21	0.8	0.6	0.3	0.9	1.2	1.2	1.2	1.6	1.6	0.9	0.5	0.4	0.98	12	1.6
22	0.7	0.5	0.2	0.6	0.7	0.4	0.7	1.0	2.4	2.3	1.0	1.0	1.00	12	2.4
23	0.6	1.1	0.8	1.7	1.5	1.1	0.7	0.8	1.0	1.2	1.2	1.0	1.09	12	1.7
24	0.9	1.0	0.7	1.1	1.8	1.8	0.8	1.2	1.6	1.1	1.4	1.7	1.29	12	1.8
25	1.0	0.9	1.0	1.0	0.9	1.2	0.7	0.7	0.7	1.3	1.0	1.0	0.99	12	1.3
26	1.0	0.8	0.9	1.3	0.7	0.2	0.5	0.1	0.6	0.5	1.0	0.4	0.71	12	1.3
27	0.6	0.9	1.3	1.8	1.2	1.3	1.0	1.2	1.7	0.3	0.3	0.6	1.07	12	1.8
28	0.7	0.4	0.5	0.8	0.9	0.7	0.5	0.5	0.5	1.0	0.9	0.6	0.71	12	1.0
29	0.4	0.1	0.5	0.7	0.9	0.7	0.7	0.6	0.4	0.7	0.1	1.1	0.62	12	1.1
30	1.0	0.7	0.7	1.5	0.8	0.6	0.5	0.4	0.5	0.8	2.2	1.5	0.98	12	2.2
AVG	0.93	0.94	0.91	1.57	1.28	1.05	0.91	0.97	1.17	1.06	1.17	1.09	1.08		
N(3)	26	25	25	25	25	27	27	27	27	27	27	27		310	
MAX*	2.6	4.3	1.9	4.1	2.2	2.3	1.7	1.8	2.4	2.3	3.3	2.5	1.99		4.3

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-329.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
ST LOUIS MISSOURI														MAY/64	
01	1.4	1.7	3.0	5.4	3.7	0.9	0.5	1.0	1.6	1.1	0.8	0.8	1.87	12	5.4
02	0.7	0.6	0.9	0.9	1.1	0.8	0.6	0.6	0.5	0.7	0.8	0.8	0.78	12	1.1
03	0.7	0.6	0.4	0.4	0.3	0.5	0.6	0.3	0.5	0.6	0.5	0.4	0.52	12	0.7
04	0.7	0.5	0.2	1.4	0.8	0.6	0.8	0.8	1.0	3.2	0.7	0.4	0.96	12	3.2
05	1.3	2.2	1.1	1.5	0.5	0.5	0.4	0.8	0.8	0.6	0.4	0.5	0.94	12	2.2
06	0.3	0.2	0.6	0.8	0.7	0.5	0.4	0.8	0.8	0.6	0.4	0.3	0.56	12	0.8
07	0.7	0.4	0.7	1.1	0.6	0.8	0.7	1.1	1.0	0.5	0.4	0.2	0.73	12	1.1
08	0.3	0.2	0.6	0.8	0.6	0.6	0.7	0.8	0.7	0.3	0.4	0.3	0.56	12	0.8
09	0.4	0.2	0.5	0.5	0.5	0.2	0.5	0.3	0.3	0.7	1.1	0.9	0.54	12	1.1
10	0.5	0.8	0.9	1.2	0.3	0.2	0.2	0.2	0.3	0.5	1.4	0.6	0.63	12	1.4
11	0.7	0.7	0.6	1.7	0.7	0.5	0.9	2.4	1.0	0.8	0.8	0.6	1.00	12	2.4
12	0.6	0.4	0.6	0.8	0.7	0.6	0.4	1.2	0.7	0.4	0.7	0.7	0.69	12	1.2
13	0.5	0.4	0.7	0.5	0.6	0.4	0.3	0.7	0.6	0.4	0.5	0.4	0.53	12	0.7
14	0.6	1.1	1.2	1.4	0.9	1.6	1.4	1.6	1.9	1.5	1.6	1.4	1.38	12	1.9
15	1.6	0.6	1.0	1.7	0.9	0.7	0.7	1.7	1.5	0.7	1.2	0.6	1.13	12	1.7
16	0.7	1.1	0.9	1.4	0.8	0.6	0.6	0.6	0.6	0.6	1.0	1.6	0.90	12	1.6
17	1.2	0.9	1.0	0.8	0.5	0.3	0.5	0.5	0.4	0.8	0.9	1.3	0.82	12	1.3
18	1.7	1.3	1.6	1.2	1.0	1.0	1.1	1.1	0.7	0.6	0.9	0.9	1.12	12	1.7
19	0.6	0.6	0.5	1.3	1.1	0.7	1.0	0.6	0.5	1.1	1.4	0.8	0.88	12	1.4
20	0.6	1.4	1.1	1.7	2.3	1.1	1.1	1.0	1.0	1.6	2.3	1.3	1.42	12	2.3
21	1.0	0.7	1.1	1.6	1.8	1.1	1.1	1.5	0.6	1.1	1.1	0.6	1.16	12	1.8
22	0.9	0.9	1.3	1.4	2.2	1.2	1.5	1.6	1.5	1.1	1.0	1.2	1.44	12	2.4
23	0.4	0.7	0.4	0.8	1.0	1.1	0.8	0.8	0.8				0.78	09	1.1
24						0.7	0.4	0.3	0.6	0.2	0.3	0.4	0.45	07	0.7
25	0.4	0.7	1.3	1.8	1.4	1.2	0.8	1.7	0.8	1.0	1.2	0.7	1.13	12	1.8
26	1.0	0.6	1.1	1.1	0.8	0.8	1.2	0.9	0.9	0.7	0.9	0.7	0.93	12	1.2
27	0.7	0.5	0.7	1.5	1.1	0.6	0.9	1.5	0.9	1.0	1.1	0.8	0.98	12	1.5
28	0.5	0.3	1.0	1.2	1.3	1.0	0.6	0.9	1.1	0.9	1.2	0.9	0.95	12	1.3
29	0.9	0.6	0.9	1.6	0.8	0.5	0.4	1.0	0.6	0.7	0.9	1.7	0.92	12	1.7
30	0.7	0.5	0.6	1.0	1.2	0.8	0.5	0.4	0.9	0.8	0.8	1.3	0.82	12	1.3
31	1.8	1.0	0.5	0.6	0.6	0.9	0.6	0.5	0.5	0.4	0.6	0.3	0.74	12	1.8
AVG	0.80	0.74	0.90	1.33	1.02	0.74	0.71	0.94	0.82	0.84	0.91	0.78	.86		
N(3)	30	30	30	30	30	31	31	31	31	30	30	30		364	
MAX*	1.8	2.2	3.0	5.4	3.7	1.6	1.5	2.4	1.9	3.2	2.3	1.7	1.87		5.4

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-330.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

ST LOUIS MISSOURI — JUNE/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.6	0.6	1.0	1.6	1.2	1.0	0.8	0.6	0.4	0.2	0.7	1.0	0.87	12	1.6
02	0.4	0.4	0.9	1.0	0.7	0.6	0.4	0.7	0.6	0.6	1.0	0.4	0.68	12	1.0
03	0.6	0.6	1.3	1.7	1.0	0.6	0.8	0.5	0.5	0.4	0.9	1.2	0.89	12	1.7
04	1.2	0.8	0.8	1.8	1.3	0.8	1.1	1.8	1.3	1.5	1.3	1.1	1.28	12	1.8
05	1.0	0.8	0.8	1.1	1.2	1.4	1.3	1.8	2.0	0.8	1.7	1.3	1.29	12	2.0
06	0.9	1.0	1.2	1.2	1.0	0.7	0.8	1.0	0.5	0.8	1.1	1.1	0.98	12	1.2
07	1.0	0.9	1.1	0.8	0.6	0.6	0.6	0.6	0.7	0.7	0.9	1.2	0.85	12	1.2
08	1.1	0.6	1.4	2.0	1.3	1.3	1.1	1.5	1.0	0.8	0.8	0.8	1.18	12	2.0
09	0.9	0.5	0.8	1.6	1.0	1.2	0.9	1.3	1.0	0.5	1.2	0.9	1.03	12	1.6
10	0.7		0.5	0.7	0.7	0.6	0.4	0.7	0.5	0.5	0.8	1.1	0.69	11	1.1
11	1.0	0.7	0.6	1.8	1.2	1.1	1.1	1.4	1.4	0.9	1.4	0.8	1.16	12	1.8
12	1.2	2.2	1.1	2.2	0.9	0.8	1.2	1.4	0.7	0.9	0.4	1.2	1.22	12	2.2
13	1.0	0.7	2.0	0.7	1.2	0.7	0.3	0.8	0.6	0.5	0.5	0.5	0.84	12	2.0
14	0.5	0.7	1.5	0.9	0.6	0.5	0.1	0.4	0.5	0.5	0.4	0.3	0.61	12	1.5
15	0.2	0.8	0.6	1.1	1.1	0.9	0.4	0.7	0.3	0.6	1.0	1.3	0.78	12	1.3
16	1.8	0.8	0.6	1.6	1.5	1.3	1.1	1.2	1.3	1.1	1.8	1.0	1.30	12	1.8
17	1.0	0.5	1.1	1.4	1.1	0.9	0.9	1.6	1.2	0.5	0.3	0.8	0.98	12	1.6
18	0.6	0.8	1.1	1.6	0.9	1.5	1.3	1.7	0.9	1.2	0.8	1.2	1.17	12	1.7
19	0.5	0.9	0.7	1.1	1.3	1.4	0.8	1.4	1.3	0.4	0.3	0.6	0.94	12	1.4
20	0.8	1.0	0.7	0.8	1.6	0.8	0.4	0.8	0.6	0.6	0.6	0.5	0.81	12	1.6
21	0.9	0.5	0.3	0.3	0.6	0.5	0.4	2.4	0.5	1.0	0.7	0.9	0.81	12	2.4
22	1.4	1.9	0.8	1.3	1.3	1.1	0.8	1.3	1.1	0.8	1.0	0.8	1.18	12	1.9
23	0.7	0.4	0.9	0.9	0.8	0.5	0.5	0.8	0.7	0.5	0.6	0.6	0.70	12	0.9
24	0.6	1.0	0.5	0.5	0.8	0.8	0.5	0.5	0.5	0.6	1.3	1.1	0.77	12	1.3
25	1.6	1.5	1.8	2.8	1.2	1.6	1.2	1.3	0.9	1.1	1.9	2.2	1.62	12	2.8
26	1.0	2.0	2.0	3.0	1.9	1.0	1.3	1.8	1.4	1.0	1.8	1.4	1.68	12	3.0
27	1.5	1.2	2.0	2.4	1.4	0.9	0.8	0.7	0.9	0.8	1.3	1.1	1.28	12	2.4
28	1.3	1.3	1.8	1.3	0.6	0.7	0.6	1.0	0.7	1.0	1.4	0.9	1.09	12	1.8
29	0.9	0.6	1.0	1.9	2.0	1.3	1.5	1.7	1.9	1.4	0.8	1.1	1.38	12	2.0
30	0.3	0.5	0.7	1.4	1.0	0.9	1.1	1.4	0.7	3.4	1.1	1.1	1.19	12	3.4
AVG	0.90	0.90	1.05	1.41	1.10	0.93	0.81	1.16	0.88	0.85	0.99	0.98	.98		
N(3)	30	29	30	30	30	30	30	30	30	30	30	30		359	
MAX*	1.8	2.2	2.0	3.0	2.0	1.6	1.5	2.4	2.0	3.4	1.9	2.2	1.68		3.4

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-331.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	ST LOUIS MISSOURI 1400	1600	1800	2000	2200	JULY/64 AVG	N (1)	MAX (2)
01	0.6	0.9	1.1	1.8	1.0	1.6	2.1	1.6	1.2	1.5	1.6	2.2	1.49	12	2.2
02	0.7	0.5	0.9	0.9	0.7	2.7	0.5	0.7	0.7	0.7	1.2	0.7	0.95	12	2.7
03	0.2	1.1	0.6	1.7	0.6	1.3	0.7	0.6	0.7	0.3	0.8	0.4	0.78	12	1.7
04	0.3	0.5	1.0	0.8	0.6	0.5	0.2	0.2	0.4	1.0	1.0	1.0	0.67	12	1.0
05	0.3	0.3	0.4	0.8	0.7	0.6	0.7	0.5	0.5	0.8	1.0	0.4	0.63	12	1.0
06	0.2	0.5	0.7	2.2	1.0	1.0	0.9	1.3	1.0	1.0	0.5	0.6	0.95	12	2.2
07	0.5	0.5	0.7	1.9	1.2	0.8					0.9	1.2	1.00	08	1.9
08								1.8	1.3	1.1	1.0	2.2			
09	1.1	1.2	1.6	1.4	0.9	0.9	0.5	0.6	0.6	0.4	1.7	1.3	1.05	12	1.7
10	1.5	1.3	1.4	2.8	1.8	1.5	1.2	1.5	1.1	1.0	1.4	1.3	1.52	12	2.8
11	1.1	1.3	1.4	1.5	1.1										
12								0.4	0.0	0.5	0.1	0.2			
13	0.2	0.1	0.6	0.6	0.6	0.2	0.5	0.7	0.8	0.5	0.6	1.1	0.58	12	1.1
14	0.2	0.4	1.3	1.0	0.9	0.5	0.5	0.9	1.0	0.7	1.3	1.0	0.84	12	1.3
15	0.8	1.0	0.8	1.8	1.2	1.3	0.7	1.2	1.1	0.9	1.0	1.2	1.11	12	1.8
16	1.1	1.0	0.9	1.8	1.6	1.1	0.8	1.5	1.4	0.8	1.8	1.9	1.34	12	1.9
17	1.5	1.1	1.3	1.7	1.6	1.1	0.9	1.1	1.1	0.6	1.2	1.3	1.25	12	1.7
18	1.0	1.2	0.3	0.9	3.0	0.8	0.3	1.1	1.3	1.1	1.2	1.3	1.16	12	3.0
19	1.0	1.1	1.7	1.0	0.8	0.6	0.6	0.6	0.6	0.4	0.5	0.7	0.83	12	1.7
20	0.9	0.6	0.9	2.5	1.6	1.2	1.2	1.5	1.4	1.0	0.8	0.9	1.17	12	1.6
21	1.2	1.0	1.0	2.0	1.4	1.4	0.7	1.7	1.1	0.6	0.7	0.6	1.14	12	2.0
22	0.5	0.8	0.6	2.3	2.0	1.2	0.8	0.9	0.9	0.6	1.3	1.2	1.14	12	2.3
23	1.4	1.0	1.4	2.5	1.4	1.0	0.6	1.3	1.2	1.1	1.7	1.3	1.37	12	2.5
24	1.0	1.6	2.1	2.4	1.5	1.5	1.1	1.6	2.1	0.6	1.6	1.5	1.58	12	2.4
25	1.0	1.4	1.4	0.9	0.6	1.0	1.4	1.1	1.1	0.9	0.9	0.6	1.07	12	1.4
26	1.0	0.2	0.7	0.7	0.5	0.6	0.9	0.6	0.4	0.7	1.2	0.9	0.74	12	1.2
27	0.9	1.1	1.1	2.5	1.0	0.9	0.9	0.8	1.2	0.8	0.9	0.7	1.10	12	2.5
28	0.5	0.7	0.7	1.7	1.1	0.9	0.5	1.7	1.1	0.8	0.5	0.4	0.92	12	1.7
29	0.7	0.6	0.2	0.7	0.7	0.6	0.6	0.9	0.7	0.7	0.7	1.5	0.74	12	1.5
30	0.7	0.8	0.8	1.1	1.3	1.3	0.8	1.1	1.1	0.8	1.4	1.0	1.05	12	1.4
31	1.2	0.7	0.8	1.9	1.6	1.6	0.7	1.2	0.9	1.0	0.9	1.1	1.18	12	1.9
AVG	0.79	0.82	0.97	1.54	1.17	1.06	0.78	1.05	0.98	0.78	1.08	1.04	1.00		
N(3)	28	28	28	28	28	28	27	27	27	27	28	28		332	
MAX*	1.5	1.6	2.1	2.8	3.0	2.7	2.1	1.7	2.1	1.5	1.8	2.2	1.58		3.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-332.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

ST LOUIS MISSOURI — AUG/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.8	0.7	0.3	1.0	1.2	0.9	0.5	0.7	0.5	0.6	0.4	0.6	0.73	12	1.2
02	0.5	0.3	0.6	0.4	0.3	0.3	0.3	0.4	0.7	0.5	0.7	0.2	0.49	12	0.7
03	0.8	0.6	2.1	1.0	0.9	0.5	0.4	0.5	0.6	0.7	1.5	1.1	0.93	12	2.1
04	1.5	0.9	1.2	1.5	1.1	0.6	0.3	1.2	1.4	0.7	1.0	0.6	1.05	12	1.5
05	0.9	0.6	0.7	1.4	1.7	1.0	0.8	1.1	1.3	0.3	1.3	1.0	1.05	12	1.7
06	0.6	1.1	1.0	2.0	1.5	1.0	0.6	1.0	0.9	1.4	1.7	1.6	1.24	12	2.0
07	1.0	1.0	1.0	1.9	1.2	0.8	2.3	1.1	0.5	0.3	0.8	0.6	1.09	12	2.3
08	0.5	0.5	0.2	0.8	1.5	0.3	0.4	0.4	0.4	0.4	1.0	1.0	0.65	12	1.5
09	0.8	0.3	0.5	0.5	0.3	0.3	0.6	0.6	0.3	0.8	1.2	0.7	0.61	12	1.2
10						1.0	1.6	1.1	1.2	1.2	0.8	0.5	1.11	07	1.6
11	0.6	0.9	1.1	0.4	0.5	0.5	0.8	1.1	0.5	0.3	0.2		0.66	11	1.1
12	0.1					0.0	0.5	0.3	0.2	0.4	0.9	1.0	0.47	08	1.0
13	0.6	0.4	0.9	0.4	0.4	0.4	0.2	0.7	0.3	1.1	0.9	0.7	0.69	12	1.1
14	0.6	0.8	1.2	2.0	0.1										
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27						0.7	0.5	0.6	0.7	0.7	0.7	1.8	0.88	07	1.8
28						0.5	0.9	0.3	0.8	0.6	0.4	0.8	1.03	12	2.1
29	1.3	2.1	1.0	1.4	1.2	0.3	0.1	0.2	0.5	1.1	1.1	1.1	0.64	12	1.1
30	0.6	0.6	0.6	0.6	0.5										
31	0.3	0.7	0.8	1.5	1.5	0.7	1.3	0.6	0.7	0.5	1.9	3.0	1.17	12	3.0
AVG	0.75					0.57	0.71	0.70	0.67	0.68	0.97	1.01	.80		
N(3)	16					17	17	17	17	17	17	16		18	
MAX*	1.9					1.0	2.3	1.2	1.4	1.4	1.9	3.0	1.24		3.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-333.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

TABULATED 10/30/68

ST LOUIS MISSOURI

SEPT/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.1	1.2	0.8	1.3	1.6	0.4	1.0	1.6	1.1	1.1	1.7	1.6	1.24	12	1.7
02	1.2	0.9	1.4	2.8	1.9	1.3	1.3	1.6	1.0	1.4	1.6	1.0	1.49	12	2.8
03	0.8	1.5	1.7	1.8	1.9	1.2	1.3	1.3	1.3	0.9	0.8	1.4	1.36	12	1.9
04	1.1	1.0	0.9	1.1	0.8	1.8	0.7	0.7	0.6	0.6	0.3	0.8	0.90	12	1.8
05	0.9	0.9	0.5	0.9	0.7	0.8	0.5	0.4	0.5	0.6	3.2	1.4	0.98	12	3.2
06	1.4	1.0	1.0	1.1	0.4	0.3	0.7	0.5	0.6	0.6	0.8	1.0	0.82	12	1.4
07	0.5	0.5	0.7	1.0	0.8	0.4	0.8	0.7	0.9	1.0	0.8	0.7	0.76	12	1.0
08	1.0	0.7	0.8	2.1	2.0	1.3	0.8	1.7	1.6	0.9	1.0	1.0	1.27	12	2.1
09	1.2	0.9	1.2	2.3	1.3	1.1	1.1	1.0	1.1	1.1	0.8	1.4	1.25	12	2.3
10	1.3	0.8	1.6	2.0	0.9	0.9	1.2	1.3	1.7	1.8	1.3	0.4	1.30	12	2.0
11	0.5	0.5	0.5	1.0	1.0	2.7	0.3	1.2	1.1	0.8	0.8	1.2	1.02	12	2.7
12	1.0	0.9	0.7	1.1	0.9	0.5	0.5	0.5	0.5	0.4	0.8	1.2	0.78	12	1.2
13	1.0	1.0	1.1	0.8	0.5	0.7	0.3	1.1	0.5	0.8	1.2	1.1	0.88	12	1.2
14	1.5	1.7	1.4	4.4	2.0	0.9	0.6	1.4	1.3	1.5	1.1	1.4	1.47	12	2.4
15	1.2	1.2	1.4	2.1	3.3	5.2	3.0	2.3	2.3	2.6	1.7	1.3	2.34	12	5.2
16	1.3	1.0	1.6	1.7	2.6	2.5	2.6	2.2	2.2	2.2	1.6	1.7	1.98	12	2.6
17	1.5	1.0	1.6	2.3	1.3	0.8	1.1	1.3	1.3	0.6	0.9	0.7	1.24	12	2.3
18	0.8	0.4	0.8	4.7	2.7	0.9	0.8	1.4	1.4	0.7	1.8	1.6	1.37	12	2.7
19	1.6	1.3	1.6	3.5	2.5	0.8	0.7	0.7	1.0	1.3	1.3	0.9	1.47	12	3.5
20	0.6	0.6	0.7	0.7	0.6	0.5	0.8	0.6	0.7	1.0	0.9	0.5	0.72	12	1.0
21	0.5	1.0	1.2	1.4	1.7	1.1	0.8	1.5	1.6	0.9	0.7	0.7	1.12	12	1.7
22	0.9	0.5	0.6	1.2	1.3	0.7	0.6	1.7	1.3	0.8	0.7	0.5	0.94	12	1.7
23	0.4		0.0	0.7	0.4	0.4	0.8	0.8	0.7	0.5	0.2	0.6	0.53	11	0.8
24	0.9	0.4	0.4	0.4	0.8	0.6	0.3	0.7	0.3	0.8	1.5	2.2	0.82	12	2.2
25	1.5	1.5	1.3	1.9	1.3	1.3	0.9	1.0	1.0	0.8	0.5	0.6	1.17	12	1.9
26	0.9	0.1	0.5	0.5	1.2	1.2	0.8	0.7	0.7	0.4	0.6	0.9	0.76	12	1.2
27	0.6	0.2	0.3	0.3	0.3	0.1	0.4	0.5	0.1	0.7	1.2	0.9	0.51	12	1.2
28	0.9	0.4	1.2	2.8	0.9	2.1	0.8	1.2	1.7	1.6	3.7	2.5	1.69	12	3.7
29	2.8	3.3	3.6	5.0	4.2	1.3	1.4	1.0	1.0	1.3	1.6	1.4	2.37	12	5.0
30	1.4	1.2	1.3	4.6	2.1	1.1	1.2	1.6	1.9	2.4	2.7	2.6	1.88	12	2.7
AVG	1.07	0.95	1.08	1.71	1.46	1.16	0.93	1.14	1.10	1.07	1.26	1.17	1.16		
N(3)	30	29	30	30	30	30	30	30	30	30	30	30		359	
MAX*	2.8	3.3	3.6	5.0	4.2	5.2	3.0	2.3	2.3	2.6	3.7	2.6	2.37		5.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-334.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

ST LOUIS MISSOURI — OCT/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	2.2	1.3	1.9	3.4	2.9	1.4	1.0	1.6	1.1	1.2	0.6	0.9	1.67	12	3.4
02	0.9	1.1	0.7	1.3	1.0	0.3	0.5	0.8	0.6	1.2	0.6	1.8	0.94	12	1.8
03	2.7	2.6	2.8	3.2	0.9	0.4	0.6	0.7	0.4	1.4	1.9	1.0	1.59	12	3.2
04	0.2	0.2	0.5	1.0	1.7	1.5	0.4	0.5	0.6	0.5	0.6	0.5	0.72	12	1.7
05	0.2	0.3	0.5	1.2	0.6	0.6	0.4	0.8	0.3	1.6	1.3	1.1	0.78	12	1.6
06	2.4	2.5	0.6	0.5	0.2	0.6	1.7	2.0	2.0	2.3	1.1	1.1	1.45	12	2.5
07	2.3	1.5	1.2	2.9	1.3	1.2	1.1	0.2	0.7	0.6	0.4	1.1	1.25	12	2.9
08	1.6	0.5	0.5	0.4	1.1	1.2	0.7	0.5	0.5	0.3	0.6	1.2	0.80	12	1.6
09	0.8	0.9				0.7	0.5	0.6	0.6	1.9	1.6	1.3	1.02	09	1.9
10	1.6	1.2	1.6	2.0	2.4	1.4	0.5	1.1	1.2	3.3	2.6	2.5	1.82	12	3.3
11	2.5	2.1	1.8	1.8	1.4	0.4	0.5	0.8	0.9	2.8	2.1	1.0	1.56	12	2.8
12	1.7	0.9	1.6	2.4	1.9	1.0	0.9	1.0	1.3	1.2	0.8	1.6	1.39	12	2.4
13	2.1	2.4	2.7	2.9	3.9	2.1	1.7	2.1	1.8	1.6	2.2	2.8	2.73	12	6.9
14	2.2	1.9	2.8	4.2	3.5	2.5	1.4	1.3	1.1	1.6	2.9	2.4	2.38	12	4.2
15	2.4	2.3	2.3	3.9	4.6	2.0	1.1	1.8	2.0	1.7	2.3	3.2	2.51	12	4.6
16	2.2	1.8	2.1	6.6	4.7	2.3	1.6	1.4	1.6	4.1	4.6	3.1	3.05	12	6.6
17	2.8	2.4	2.5	4.6	2.8	1.7	2.1	1.0	1.5	1.2	1.1	1.8	1.99	12	2.8
18	1.2	0.9	0.6	1.2	0.5	0.8	0.4	0.9	1.0	1.8	1.3	0.9	0.99	12	1.8
19	0.6	1.0	0.7	1.6	1.2	0.7	1.0	1.2	1.1	0.7	0.4	0.6	0.94	12	1.6
20	0.6	1.0	1.9	4.5	2.2	1.4	0.9	1.5	1.6	1.4	1.1	1.3	1.48	12	2.5
21	1.2	0.8	0.7	1.9	1.4	0.8	0.7	1.3	0.9	1.3	1.0	1.1	1.15	12	1.9
22	1.2	1.2	1.2	3.2	2.1	1.6	0.8	1.0	1.7	1.3	1.7	1.7	1.61	12	3.2
23	1.6	1.8	1.7	2.7	2.3	1.2	1.4	1.5	1.8	3.5	4.1	2.3	2.20	12	4.1
24	2.0	1.5	1.6	2.7	1.4	1.0	0.8	1.1	1.1	1.6	1.4	1.0	1.47	12	2.7
25	0.8	1.5	1.4	1.4	1.3	0.6	0.8	1.0	1.0	1.0	0.6	1.3	1.09	12	1.5
26	1.0	1.1	1.4	1.9	2.6	1.5	1.1	1.6	2.5	1.2	1.5	1.2	1.59	12	2.6
27	1.3	1.4	1.3	2.4	2.5	1.6	1.7	1.8	3.0	1.8	1.4	1.3	1.83	12	3.0
28	1.7	1.1	1.7	1.9	3.1	1.0	0.5	0.6	1.5	2.4	2.5	2.4	1.75	12	3.1
29	1.9	2.1	1.0	1.1	1.5	1.3	0.9	1.2	1.9	1.8	1.1	1.9	1.52	12	2.1
30	1.3	1.7	1.5	2.9	3.5	2.7	1.5	1.3	3.7	4.0	4.0	2.5	2.60	12	4.0
31	1.8	1.5	2.6	3.0	3.5	1.3	1.1	1.2	2.1	3.3	3.5	3.4	2.40	12	3.5
AVG	1.58	1.43	1.51	2.49	2.13	1.25	0.98	1.14	1.39	1.79	1.70	1.65	1.57		
N(3)	31	31	30	30	30	31	31	31	31	31	31	31		369	
MAX*	2.8	2.6	2.8	6.9	4.7	2.7	2.1	2.1	3.7	4.1	4.6	3.4	3.05		6.9

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-335.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — ST LOUIS MISSOURI — NOV/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	2.2	2.2	1.8	2.1	2.3	0.8	0.6	0.8	0.9	1.0	1.0	1.9	1.52	12	2.3
02	1.9	1.3	1.1	1.7	2.4	1.6	1.5	1.6	2.5	1.1	1.3	1.7	1.67	12	2.5
03	1.4	0.9	1.2	1.9	2.1	1.7	1.2	1.7	2.9	1.8	2.0	2.2	1.79	12	2.9
04	1.9	2.2	2.2	2.8	4.5	2.0	0.8	1.5	2.4	2.4	3.0	2.7	2.40	12	4.5
05	1.1	0.5	0.9	1.0	1.8	1.1	0.6	0.7	1.5	1.3	1.5	1.8	1.19	12	1.8
06	2.3	1.6	2.2	3.3	4.2	1.7	1.8	1.1	3.2	2.3	2.9	2.2	2.45	12	4.2
07	1.8	1.8	2.8	2.4	2.7	3.1	1.3	1.4	1.4	1.9	1.7	1.8	2.06	12	3.1
08	2.2	1.7	1.2	2.2	2.2	1.0	1.0	1.0	2.2	1.7	0.9	1.0	1.57	12	2.2
09	0.9	1.1	1.0	1.8	1.8	1.8	1.5	1.5	2.8	1.9	0.9	1.1	1.55	12	2.8
10	1.8	1.3	1.3	1.6	2.0	1.1	0.9	1.4	2.4	1.2	0.7	1.0	1.43	12	2.4
11	1.2	0.9	0.5	1.2	1.1	0.8	1.1	1.4	1.1	1.3	0.6	0.9	1.05	12	1.4
12	0.8	0.3	0.7	0.9	2.9	1.6	1.1	0.7	1.6	0.7	1.0	1.0	1.16	12	2.9
13	0.6	0.7	1.0	2.3	2.3	1.6	1.0	1.4	3.2	1.1	1.3	1.3	1.51	12	3.2
14	1.7	1.4	1.1	1.8	2.6	1.9	1.2	0.6	1.0	1.3	0.7	1.1	1.41	12	2.6
15	1.1	1.0	0.7	0.7	0.4	0.5	0.7	1.3	1.1	0.7	0.7	0.8	0.86	12	1.3
16	0.3	0.7	0.3	1.1	1.0	1.6	0.9	0.9	1.4	0.4	0.5	0.7	0.85	12	1.6
17	0.5	0.5	0.7	1.9	1.8	2.7	2.0	1.4	1.2	0.7	1.0	0.6	1.30	12	2.7
18	0.6	0.5	0.5	1.2	1.3	1.0	1.0	0.9	1.6	1.2	0.9	1.2	1.03	12	1.6
19	1.0	0.8	0.7	1.3	1.6	1.3	1.2	1.1	1.5	1.4	1.0	1.6	1.26	12	1.6
20	1.0	1.0	1.1	1.4	1.4	1.4	1.1	1.0	0.9	0.8	0.8	1.0	1.12	12	1.4
21	0.7	0.4	0.4	0.6	0.8	0.6	0.6	0.3	0.7	0.8	0.7	1.4	0.71	12	1.4
22	1.5	1.2	1.1	1.3	1.2	0.9	0.5	0.8	1.2	0.7	0.9	0.8	1.05	12	1.5
23	1.0	1.6	1.4	2.3	1.8	1.5	0.9	1.4	2.3	1.9	2.8	1.4	1.73	12	2.8
24	1.8	2.4	1.5	2.8	4.2	3.1	1.7	1.4	3.1	2.4	2.2	2.1	2.43	12	4.2
25	2.3	2.7	2.4	2.9	3.7	1.9	1.1	1.1	3.1	2.7	1.4	1.3	2.26	12	3.7
26	1.2	1.1	1.4	1.1	0.9	0.9	0.7	0.8	1.0	1.8	1.0	1.7	1.18	12	1.8
27	1.3	0.9	1.3	1.6	1.9	1.5	1.7	1.8	1.7	0.8	0.4	0.5	1.32	12	1.9
28	0.8	0.4	0.4	0.7	1.0	0.7	0.8	0.6	1.1	1.4	1.4	1.0	0.90	12	1.4
29	0.7	0.5	1.0	0.7	0.7	0.9	0.6	0.6	1.5	2.3	1.8	1.1	1.07	12	2.3
30	0.8	0.5	0.7	1.7	1.9	1.7	1.6	1.6	3.9	4.6	2.6	1.1	1.93	12	4.6
AVG	1.28	1.13	1.15	1.67	2.01	1.46	1.09	1.12	1.88	1.52	1.32	1.33	1.41		
N(3)	30	30	30	30	30	30	30	30	30	30	30	30		360	
MAX*	2.3	2.7	2.8	3.3	4.5	3.1	2.0	1.8	3.9	4.6	3.0	2.7	2.45		4.6

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

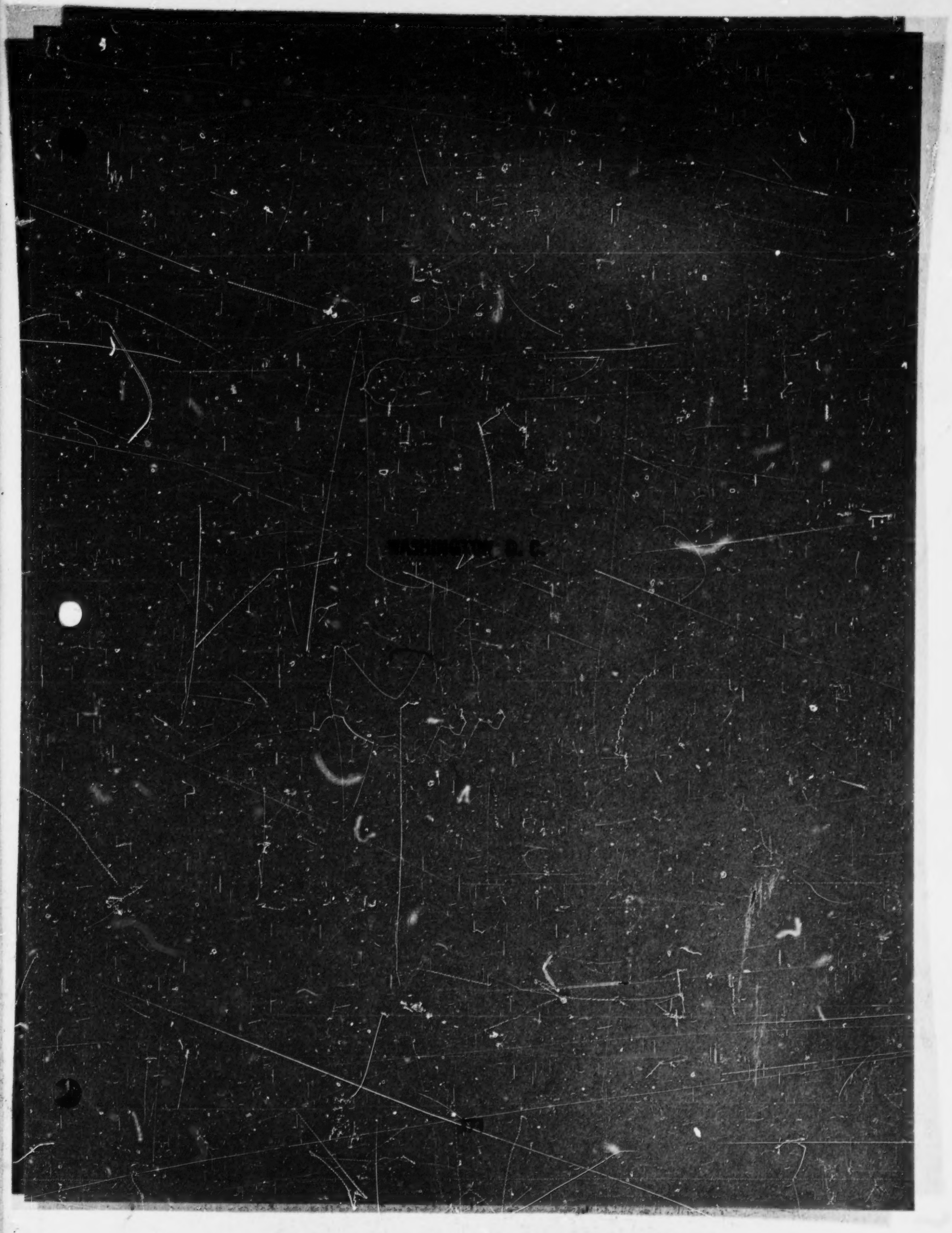
TABULATED 10/30/68

Table 3-336.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — ST LOUIS MISSOURI — DEC/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.2	1.2	1.3	1.4	1.2	1.3	1.1	1.4	2.5	1.6	1.3	1.6	1.47	12	2.5
02	1.0	1.2	1.3	3.0	3.2	3.7	3.6	2.9	3.0	2.4	0.9	1.1	2.32	12	3.7
03	0.9	0.9	1.2	1.6	2.3	2.2	2.1	2.2	2.0	1.6	1.1	1.8	1.70	12	2.3
04	1.0	0.9	0.9	1.1	1.7	1.5	1.3	1.3	0.9	1.0	0.7	0.9	1.15	12	1.7
05	0.4	0.5	0.4	0.9	0.8	1.0	1.0	1.1	0.6	0.8	0.8	0.9	0.81	12	1.1
06	1.0	0.9	1.2	2.3	3.3	1.5	1.5	1.1	0.9	1.2	0.9	1.4	1.48	12	3.3
07	1.1	1.3	1.9	2.2	1.6	1.5	1.2	1.4	2.3	2.8	2.8	1.8	1.87	12	2.8
08	1.2	1.3	1.2	4.5	1.8	0.9	0.6	1.0	2.2	2.2	2.0	2.8	1.67	12	2.8
09	1.9	1.5	2.2	1.7	2.1	1.8	1.9	2.1	4.3	2.9	2.0	2.2	2.26	12	4.3
10	1.9	2.0	1.9	3.7	3.0	2.5	3.0	2.0	3.0	2.0	1.5	1.6	2.37	12	3.7
11	1.0	0.9	0.8	1.7	2.4	2.0	1.4	1.3	1.6	2.9	3.2	5.2	2.07	12	5.2
12	2.6	1.8	0.7	1.4	1.4	0.7	1.0	1.1	1.3	1.1	1.7	0.8	1.34	12	2.6
13	0.3	0.3	1.0	0.9	1.0	0.8	0.2	0.9	1.0	1.7	1.4	0.9	0.90	12	1.7
14	0.7	0.5	0.9	1.8	1.7	0.9	0.8	.0	1.2	1.6	1.6	1.1	1.18	12	1.8
15	0.7	0.6	2.0	3.2	2.6	1.8	1.4	.8	2.1	0.9	1.5	1.3	1.69	12	3.2
16	1.5	0.8	0.9	1.6	1.3	1.3	1.3	1.6	2.1	1.9	1.2	0.7	1.40	12	2.1
17	0.7	0.7	0.4	0.9	1.1	1.4	1.0	1.1	1.0	1.1	1.0	1.2	1.00	12	1.4
18	1.0	0.8	0.8	1.6	1.4	0.3				0.1	0.2	3.2	1.09	09	3.2
19	2.0	1.5	1.4	1.5	1.6	1.2	1.0	1.3	1.4	0.7	1.4	1.9	1.45	12	2.0
20	1.6	1.4	1.9	2.3	1.7	1.7	1.3	1.0	4.8	3.4	5.1	3.6	2.28	12	5.1
21	1.7	2.0	1.8	2.4	2.4	1.7	1.5	1.7	3.6	1.7	1.5	1.7	2.02	12	3.6
22	1.7	1.0	0.7	2.8	2.4	1.5	1.4	1.2	2.5	1.7	1.3	1.5	1.68	12	2.8
23	1.6	1.6	1.2	2.3	2.4	1.4	1.1	1.6	3.2	1.5	1.0	1.9	1.78	12	3.2
24	1.5	1.7	0.9	2.3	2.9	1.0	0.8	1.3	1.1	0.9	0.9	1.0	1.38	12	2.9
25	1.0	1.0	1.6	1.7		1.7	2.4	1.6	1.0	0.8	0.4	0.8	1.31	11	2.4
26	0.8	0.6	0.6	0.8	1.2	1.1	0.6	0.8	0.7	0.6	0.9	1.7	0.90	12	1.7
27	1.4	2.0	2.1	1.7	1.8	1.8	1.4	0.8	1.8	1.6	1.4	1.0	1.61	12	2.1
28	0.7	0.6	0.4	1.6	1.9	1.7	1.5	1.8	2.4	0.9	2.2	1.4	1.47	12	2.4
29	0.9	1.3	1.4	1.8	1.4	1.2	1.3	1.5	2.0	0.9	1.1	1.2	1.38	12	2.0
30	1.4	1.6	0.9	1.1	1.0	0.9	0.9	1.1	1.9	2.1	1.6	2.3	1.45	12	2.3
31	1.9	1.3	1.1	1.8	2.1	2.1	2.3	2.1	2.6	1.5	1.2	0.8	1.78	12	2.6
AVG	1.23	1.15	1.19	1.85	1.89	1.48	1.39	1.43	1.93	1.55	1.47	1.65	1.50		
N(3)	31	31	31	31	30	31	30	30	30	31	31	31		368	
MAX*	2.6	2.0	2.2	3.7	3.3	3.7	3.6	2.9	4.3	3.4	5.1	5.2	2.37		5.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE



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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-337.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

WASHINGTON, D.C.
CARBON MONOXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1 2 3 4* 5*																											
6 7 8 9 10																											
11* 12* 13 14 15							NO VALID DATA																				
16 17 18* 19* 20																											
21 22 23 24 25*																											
26* 27 28 29 30 31																											
MEAN NO MAX																									0.0		0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-338.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

WASHINGTON, D.C.
CARBON MONOXIDE
FEB. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*																											
2*																											
3																											
4																											
5																											
6																											
7	4	3	4	4	4	4	5	9	11	8	7	5	5	6	6	7	9	9	8	6	7	6	6	5	6.1	24	15
8*	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	5.5	24	7
9*	6	6	6	6	6	6	6	6	6	7	7	7	7	8	7	7	7	7	8	8	8	8	7	7	6.8	24	9
10	7	7	6	6	6	7	8	9	9	8	7	7	7	7	7	7	7	8	7	6	6	6	6	6	7.0	24	13
11	6	6	6	6	6	6	7	8	8	7	7	7	7	7	7	8	9	8	7	7	7	7	7	7	7.0	24	12
12	7	6	7	6	7	7	8	9	9	8	8	7	8	7	7	8	9	10	10	11	13	12	12	12	8.5	24	14
13																											
14																											
15*	5	4	5	7	7	7	10	8	7	7	6	6	6	6	5	6	7	6	6	6	6	6	7	6	6.3	24	13
16*	7	7	6	6	6	7	7	8	8	8	9	9	9	10			10	12	13	12					8.4	18	15
17											3	4	4	4	5	5	6	7	6	6	5	5	4	5	4.8	14	9
18	5	4	4	4	4	4	6	8	8	6	6	7	5	6	5	6	6	5	4	4	4	4	4	4	5.1	24	10
19	4	4	4	4	4	4	5	8	8	6	5	5	6	6	6	8	8	7	6	5	5	5	5	4	5.5	24	13
20	4	4	4	3	4	3	4	8	5	4	4	4	4	4	4	5	10	10	8	8	8	5	4	4	5.2	24	13
21	4	4	4	3	3	3	4	5	4	4	4	4	4	4	5	6	6	5	5	5	5	5	5	4	4.4	24	7
22*	4	4	4	4	4	4	4	4	4	5	5	5	4	5	5	5	5	6	6	6	5	5	5	5	4.7	24	8
23*	5	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	5	5	6	5	5	5	4.4	24	6
24	4	4	4	4	4	4	5	8	8	6	6	6	5	4	5	5	6	6	5	5	5	4	4	4	5.0	24	11
25	4	4	4	4	4	4	6	7	7	5	4	5	4	6	6	5	6	6	5	4	4	5	5	5	4.8	24	9
26	7	7	7	6	6	6	6	8	7	6	6	6	6	6	5	5	8	8	6	5		4	4	4	6.0	23	12
27	4	3	3	3	3	3	4	5	4	4		4	4	4	4	4	5	6	5	5	5	5	5	5	4.1	23	14
28	4	4	4	3	3	3	5	6	6	5	5	4	5	4	5	7	8	6	5	5	4	4	3	4	4.6	24	11
29*	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	6	7	7	7	5	5	5	4.6	24	9
MEAN	5	5	5	5	5	5	5	7	7	6	6	6	5	6	5	6	7	7	7	6	6	6	5	5	5.6		
NO	20	20	20	20	20	20	20	20	20	20	20	21	21	21	20	20	21	21	21	21	19	20	20	20		486	
MAX	7	7	7	7	7	7	10	9	11	8	9	9	9	10	7	8	10	12	13	12	13	12	12	12	8.5		15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-339.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	5	4	5	5	4	4	4	5	5	6	6	6	6	6	6	6	7	8	9	9	6	6	6	7	5.8	24	11
2	6	5	5	6	7	6	8	13	17	17	13	8	6	6	6	7	8	8	8	7	6	6	5	5	7.9	24	20
3	5	5	6	5	5	5	6	6	8	7	7	8	7	7	7	7	8	9	7	7	8	7	7	7	6.8	24	11
4	7	6	6	5	5	5	6	7	7	6	7	8	7	6	6	6	7	7	6	6	6	6	8	8	6.3	24	9
5	7	10	9	5	5	5	6	7	7	6	5	6	6	5	4	4	5	6	5	4	4	3	3	3	5.4	24	12
6	3	3	3	3	3	3	4	5			4	4	4	4	4	5	5	6	7	6	6	6	5	5	4.3	22	7
7*	4	4	4	4	4	4	4	4	5	5	4	4	4	5	4	5	5	6	7	10	8	7	6	5	5.1	24	12
8*	7	8	10	10	6	5	5	4	4	5	5	5	5	6	7	8	7	6	6	6	6	7	6	5	6.3	24	12
9	5	5	5	5	5	5	6	9	8	6	7	6	5	5	5	5	6	7	6	5	5	5	5	5	5.7	24	13
10	4	4	4	4	4	4	5	6	7	5	5	5	5	5	6	5	6	6	5	5	5	4	5	4	4.9	24	8
11	4	4	4	4	4	4	4	5	5	5	5	4	4		4	4	5	5	5	5	5	5	5	4	4.4	23	7
12	4	4	4	4	3	4	5	6	5	2	3	3	4	4		4	5	5	5	5	4	4	4	4	4.2	23	8
13	4	4	4	4	3	4	6	7	5	4	4	5	5	4			5	6	6	6	5	4	4	4	4.6	22	11
14*	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	4	4	4	4	4	4.3	24	6
15*	4	3	3	3	3	3	3	3	3	4	4	4	4	5	4	4	4	4	5	4	4	3	3	3	3.5	24	7
16	3	3	3	3	3	4	5	8	6	3	3	3	3	3	3	3	6	7	8	7	5	5	5	4	4.5	24	11
17	4	3	3	3	3	4	5	6	8	7	4						4	5	3	4	2	2	2	2	3.9	19	10
18	2	2	2	2	2	2	3	3	3	2	3	3	3	3	3	3	3	4	3	3	3	3	3	3	2.7	24	5
19	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	3	5	4	4	4	4	3	3	2.7	24	6
20	3	3	3	2	3	2	3	4	4	3	3	4	4		5	6	6	7	6	6	6	5	6	5	4.3	23	10
21*	5	5	4	4	4	4	4	5	4	4	5	7	6	6	6	6	6	5	6	5	5	5	4	4	5.0	24	8
22*	5	5	4	4	4	4	4	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	4	4	4.8	24	7
23	4	4	4	4	4	5	6	7	5	4	4	4	5	6	6	6	5	6	5	6	5	6	6	6	5.2	24	9
24	6	6	5	5	7	6	7	8	8	7	7	6	7	6	7	8	9	10	9	7	8	7	6	6	6.9	24	13
25	5	5	5	5	5	6	7	9	8	8	6	6	5	5	5	5	7	8	7	6	6	6	6	6	6.0	24	10
26	5	5	5	5	5	5	6	7	8	6	5	4	4	4	4	4	5	5	5	5	4	4	4	4	4.9	24	9
27	4	4	4	4	4	4	5	6	5	5			5	5	6	6	6	7	7	7	8	7	8	8	5.5	22	9
28*	7	6	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5.1	24	9
29*	4	5	5	4	4	4	5	5	5	5	5	5	5	6	5	5	5	5	6	6	5	6	6	5	5.1	24	8
30	5	5	5	5	4	5	6	6	7	6	5	6	5	5	6	6	6	7	6	6	5	5	5	7	5.6	24	8
31	8	10	8	5	5	5	7	8	7	7	6	7	7	7	7	7	8	8	6	6	6	6	5	5	6.7	24	11
MEAN	5	5	5	4	4	4	5	6	6	5	5	5	5	5	5	5	6	6	6	6	5	5	5	5	5.1		
NO.	31	31	31	31	31	31	31	31	30	30	30	29	30	28	28	29	31	31	31	31	31	31	31	31		730	
MAX	8	10	10	10	7	6	8	13	17	17	13	8	7	7	7	8	9	10	9	10	8	7	8	8	7.9		20

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-340.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON,D.C.

CONCENTRATION IN PPM

INFRARED ANALYSIS

CARBON MONOXIDE
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	5	5	5	4	5	5	5	6	6	5	5	5	6	6	6	6	7	8	7	6	7	8	7	6	5.9	24	11
2	6	6	5	5	5	5	6	6	6	6	6	6	6	5	5	6	7	8	6	7	7	7	6	7	5.9	24	16
3	8	7	5	5	5	5	6	7	7	6			5	6	6	6	7	7	6	5	5	4	4	4	5.7	22	10
4*	4	4	4	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	5.2	24	8
5*	6	6	5	5	7	9	8	6	5	5	5	5	6	6	6	6	6	6	6	6	6	5	5	5	5.9	24	9
6	5	5	5	5	4	4	5	6	6	6	5	5	5	5	4	5	6	6	6	5	4	5	4	4	5.0	24	8
7	4	4	3	3	3	3	5	7	8	5	6	6	6	7	8	9	11	12	12	9	7	9	8	7	6.7	24	19
8	7	6	6	6	6	6	9	12	13	13	9	9	6	6	6	6	6	6	5	5	5	5	5	5	6.9	24	17
9	5	4	4	4	5	10	8	5	5	5	5	5	5	6	6	5	7	7	7	7	6	7	7	7	5.8	24	12
10	6	5	5	5	6	6	9	R	9		4	5	5	6	5	6	6	7	7	8	15	10	7	6	6.8	23	21
11*	7	6	5	5	5	4	5	5	5	4	4	5	4	4	4	5	4	4	5	6	5	4	4	5	4.8	24	7
12*	5	4	5	5	5	5	4	4	4	4	5	5	5	5	6	5	5	6	6	6	6	5	5	5	4.9	24	6
13	5	5	5	4	5	5	5	6	6	5	5	5	5	5	5	6	7	7	6	6	5	5	5	5	5.3	24	8
14	5	5	4	5	4	5	6	8	7	6	5	5	5	5	6	6	7	8	6	6	6	5	6	6	5.7	24	10
15	6	5	5	5	4	5	6	6	5	5	5	5	5	5	6	6	6	7	6	6	8	6	6	6	5.6	24	9
16	5	5	5	4	4	5	6	7	5	5	5	5	5	6	5	6	6	5	5	5	4	4	4	4	5.1	24	8
17	4	4	4	4	4	4	4	4		4	4	4	5		5	5	7	8	7	7	7	7	7	8	5.3	22	11
18*	6	5	5	5	5	7	7	7	7	6	4	4	4	4	5	5	5	6	6	6	6	5	4	4	5.2	24	8
19*	4	4	4	4	5	5	5	5	4	4	4	4	4	5	5	6	5	5	5	4	4	4	4	4	4.5	24	7
20	4	4	4	4	4	4	5	5	5	5	5	6	6	5	6	6	7	6	6	6	5	5	5	5	5.1	24	8
21	5	5	4	4	4	5	5	5	6	5	5	5	5	5	5	7	7	7	6	6	5	5	5	5	5.3	24	8
22	5	5	4	5	5	5	6	7	8	6	5	6	7	6	6	7	7	10	9	9	9	8	9	11	6.9	24	14
23	14	12	8	6	6	6	8	9	8	6	6	6	5	6	6	6	7	8	7	7	7	7	7	7	7.3	24	19
24	8	9	8	8	7	6	6	7	6	5	5	5	6	6	6	6	6	7	6	6	6	5	6	5	6.3	24	13
25*	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	6	6	6	6	7	6	6	6	5	5.4	24	8
26*	6	5	5	5	5	6	6	6	5	5	5	6	6	6	6	6	6	6	6	6	5	5	5	5	5.5	24	7
27	5	5	5	5	5	6	7	6								8	7	7	6	6	5	5	6	5	5.8	17	10
28	5	5	5	5	5	7	8	8	7	6	5	6	6	6	6	6	6	5	5	5	5	5	5	5	5.8	24	9
29	5	4	4	4	5	5	6	5	5	5	5	6	5	5	5	6	5	5	5	5	5	4	4	4	4.9	24	7
30	5	4	4	4	4	5	6	6	6	6	6	6	6	6	7	7	6	6	6	5	5	5	5	5	5.4	24	9
MEAN	6	5	5	5	5	5	6	6	6	5	5	5	5	5	6	6	6	7	6	6	6	6	6	6	5.6		
NO.	30	30	30	30	30	30	30	30	28	28	28	28	29	28	29	30	30	30	30	30	30	30	30	30		708	
MAX.	14	12	8	8	7	10	9	12	13	13	9	9	7	7	8	9	11	12	12	9	15	10	9	11	7.3		21

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-341.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	5	5	5	5	5	6	6	6	6	6	5	5	6	6	7	8	7	6	6	5	5	5	5	5	5.6	24	10
2*	5	5	4	4	4	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	5	5	4	5.1	24	7
3*	4	4	4	4	4	5	5	5	5	5	5	5	5	5	4	4	5	5	5	5	5	5	5	5	4.7	24	6
4	4	4	4	4	5	7	7	6	5	5			5	6	6	7	7	6	7	7	7	7	6	6	5.8	22	10
5	7	7	6	7	9	11	12	11	8	6	5	6	5	5	5	6	5	5	6	6	5	6	5	5	6.6	24	14
6	5	5	5	5	6	7	7	7	6	6	5	5	5	5	5	6	6	6	6	6	7	7	6	6	5.9	24	8
7	6	5	5	5	6	7	9	9	7	6	6	6	6	6	6	7	9	7	7	8	8	7	8	7	6.7	24	10
8	9	9	10	8	8	13	17	16	12	9	6	5	6	6	6	8	9	9	10	9	9	9	8	7	9.1	24	21
9*	6	6	6	6	6	7	8	8	8	7	7	7	7	6	6	7	6	7	6	7	7	7	6	5	6.5	24	10
10*	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	6	5	5	6	7	7	8	7	5.5	24	10
11	6	5	5	5	5	9	9	7	5	5	5	6	6	6		7	8	7	7	8	12	15	16	16	7.7	23	18
12	15	11	9	7	6	8	9	8	7	5	5	5	5	5	6	7	7	9	8	10	7	7	9	7	7.5	24	16
13	6	6	5	5	5	6	7	8	8	8	7	6	6	6	6	7	12	11	9	8	9	10	7	5	7.1	24	15
14	5	5	5	5	5	6	7	6	5	5	5	5	6	6	6	6	6	6	6	6	6	5	6	5	5.5	24	12
15	5	5	5	4	5	6	7	7	7	6	6	6	6	6	7	8	6	6	6	8	8	8	8	8	6.3	24	12
16*	7	8	7	7	7	7	7	7	6	6	6	6	6	5	6	6	6	6	6	6	7	7	7	6	6.4	24	9
17*	6	6	6	6	6	6	6	7	8	7	6	6	6	6	6	7	8	7	8	9	10	16	14	10	7.6	24	18
18	11	8	6	6	7	11	12	11	9	7	6	5	7	6		7	7	7	8	10	12	10	9	8	8.1	23	15
19	7	6	6	6	6	8	10	10	8	7	7	8	8	8	8	8	8	7	7	8	8	7	7	7	7.5	24	12
20	7	7	7	6	7	8	8	8	7	7	7	7	7	6	7	8	8	7	8	8	8	7	7	7	7.2	24	10
21	7	7	6	7	7	8	8	8	7	7	7	7	7	7	7	7	8	7	8	8	7	7	7	7	7.2	24	9
22	7	7	7	7	7	8	10	11	9	8	8	8	8	8	8	9	9	9	9	10	10	10	9	10	8.6	24	14
23*	9	9	9	9	9	10	11	11	11	10	8	8	8	8	8	8	8	9	9	11	12	11	10	9	9.5	24	13
24*	9	9	9	9	9	9	9	10	10	10	10	8	7	2	2	2	2	2	3	2	3	2	3	3	5.9	24	11
25	2	2	2	2	3	3	3	2			2	4	3	3	4	5	6	5	5	5	5	5	5	5	3.8	22	8
26	5	6	6	6	6	7	8	7	4	3	4	5	4	3	4	6	6	4	4	4	5	4	5	5	5.0	24	10
27	5	5	4	4	5	5	8	8	5	4	3	3	3	3	3	4	5	4	4	4	4	3	3	3	4.3	24	10
28	4	3	3	4	4	5	5	5	2	2	2	4	4	4	6	6	7	7	7	6	6	7	7	6	4.8	24	9
29	6	6	5	5	5	6	6	6	6	5	4	4	5	4	5	5	5	5	5	6	6	7	8	9	5.6	24	10
30*	8	8	5	5	5	5	5	5	4	3	3	3	3	3	4	4	4	5	5	5	6	5	5	5	4.8	24	10
31*	4	5	4	5	5	5	5	4	5	4	4	3	4	3	4	4	4	4	3	3	4	5	5	4	4.1	24	6
MEAN	6	6	6	6	6	7	8	7	7	6	6	6	6	5	6	6	7	6	6	7	7	7	7	7	6.3		
NO.	31	31	31	31	31	31	31	31	30	30	30	30	31	31	29	31	31	31	31	31	31	31	31	31		738	
MAX.	15	11	10	9	9	13	17	16	12	10	10	8	8	8	8	9	12	11	10	11	12	16	16	16	9.5		21

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-342.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
JUNE 1964

DAY OF MONTH	A M												P M												DAILY MEAN	NO. OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	5	5	5	4	5	5	6	6	3	2	2	2	2	2	3	5	6	5	4	4	4	4	5	5	4.0	24	9
2	4	5	5	4	4	5	7	6	3	3	3	3	2			5	6	5	5	5	6	6	6	5	4.7	22	9
3	5	5	5	5	5	6	7	6	4	4	3	4	4	4	5	7	6	5	6	5	6	8	8	9	5.4	24	11
4	9	8	7	6	6	7	9	9	4	3	3	5	4	5	6	7	7	7	6	8	9	12	11	11	6.9	24	15
5	8	6	6	5	5	6	6	6	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5.1	24	9
6*	5	5	5	5	5	5	5	5	5	5	5	5	3	3	4	4	3	2	4	5	5	5	6	4	4.4	24	7
7*	4	4	4	4	4	4	4	3	2	1	2	2	2	2	2	2	3	2	2	2	2	2	3	2	2.5	24	6
8	2	3	3	3	3	3	4	5	4	3	4	5	4	3	2	3	2	2	2	3	4	4	4	3	3.3	24	6
9	3	4	4	6	6	5	6	4	4	3	2	3		3	3	6	7	6	6	5	5	6	6	5	4.6	23	8
10	5	5	5	5	6	8	9	8	4	2	2	2	2	2	2	4	5	3	4	4	4	4	4	4	4.3	24	10
11	4	4	4	4	4	5	6	5	4	3	5	3	4	4	4	5	5	4	5	5	6	6	7	8	4.8	24	9
12	10	9	8	7	6	9	9	7	5	5	5	5	6	5	4	5	5	4	4	5	5	4	4	4	5.8	24	12
13*	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	3	4	3	3	3	3	4	3	4	3.9	24	6
14*													7	6	6	8	8	7	7	7	8	8	7	7	7.0	13	10
15												6															
16	6	5	5	5	6	7	8	6	4		7	7	8	9	8	8	9	8	8	9	10	10	9	9	7.4	23	11
17	8	8	8	8	8	9	9	9	9	8	8	8	8	8	8	9	9	9	9	9	11	18	17	16	9.7	24	23
18	15	17	20	14	17	19	22	16	13	9	8	7	8	8	8	9	9	8	8	8	8	8	8	7	11.4	24	25
19	7	7	7	7	7	8	11	11	9	8	8	6	8	7	9	12	11	8	8	8	9	8	8	7	8.4	24	16
20*	7	8	7	7	7	9	8	8	7	6	6	6	6	6	5	5	5	6	6	8	7	8	6	6	6.5	24	12
21*																											
22																											
23																											
24																											
25																											
26																											
27*																											
28*																											
29																											
30																											
MEAN	6	6	6	6	6	7	8	7	5	4	4	5	5	5	5	6	6	5	5	6	6	7	7	6	5.8		
NO.	18	18	18	18	18	18	18	18	18	17	18	19	18	18	18	19	19	19	19	19	19	19	19	19		441	
MAX	15	17	20	14	17	19	22	16	13	9	8	8	8	9	9	12	11	9	9	9	11	18	17	16	11.4		25

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-343.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
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28																											
29																											
30																											
31																											
MEAN																											
NO																											
MAX																									0.0		0

NO VALID DATA

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-344.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
AUG. 1964

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*																											
2*																											
3																											
4																											
5																											
6																											
7																											
8*																											
9*																											
10																											
11																											
12																											
13																											
14	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	1	2	4	5	6	5	4	2.2	24	11
15*	3	3	3	2	3	3	5	4	3	2	2	2	2	2	2	2	3	3	3	3	3	4	3	3	2.9	24	7
16*	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	4	5	5	6	5	4	4	4	3.6	24	9
17	3	4	4	4	4	5	6		7	7	6	6	6	7	6	6	7	6	7	8	7	7	7	6	5.8	23	9
18	6	6	6	6	6	8	12	13	11	9	8	7	8	7	7	9	10	9	8	8	10	9	9	8	8.3	24	19
19	8	8	7	7	7	9	10	9	8	8	8	10	8	8	7	7	8	8	9	10	11	12	12	14	8.9	24	15
20	12	8	14	16	16	13	13	12	12	9	9	11	11	11	10	8	10	8	8	10	9	8	8	7	10.5	24	18
21	7	8	8	8	8	10	11	12	13	10	9	8	11	10	7	8	7	9	10	8	9	9	10	9	9.2	24	18
22*	9	11	10	11	11	12	12	6	6	6	5	5	5	4	5	5	4	5	5	5	5	6	6	6	6.9	24	14
23*	6	5	5	5	5	5	5	5	6	6	6	6	6	5	5	5	5	6	6	7	7	7	6	6	5.6	24	8
24	5	5	5	5	6	7	9	8	6	5	5	4	4	4	4	5	5	6	6	6	5	6	5	5	5.5	24	11
25	5	5	5	5	5	6	8	8	7	6	6	5	5	4	4	5	5	5	4	5	5	5	5	4	5.2	24	9
26	4	4	4	4	4	5	8	8	7	4	4	4	4	4	4	6	6	6	5	6	6	5	5	5	5.1	24	16
27	5	5	4	4	5	5	7	6	5	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4.5	24	7
28	4	4	4	4	4	4	5	5	5	5	4	4	4	4	3	4	4	4	4	5	5	5	5	4	4.3	24	8
29*	4	4	4	3	3	3	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	4	3	3.4	24	5
30*	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	4	5	4	4	4	3	3	3.0	24	6
31	2	2	2	2	2	4	6			4	4	4	4	5	5	6	5	5	5	6	6	6	6	6	4.3	22	9
MEAN	5	5	5	5	5	6	7	7	6	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	5.5		
NO	18	18	18	18	18	18	18	16	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18		429	
MAX	12	11	14	16	16	13	13	13	13	10	9	11	11	11	10	9	10	9	10	10	11	12	12	14	10.5		19

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-345.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	7	7	7	5	4	5	6	6	5	5	5	4	5	5	4	5	5	5	6	6	5	5	5	5	5.3	24	10
2	4	4	4	4	4	6	7	6	5	5	5	6	5	5	5	6	6	6	6	8	7	7	9	12	5.9	24	13
3	10	8	6	6	5	7	11	8	6	6	5	5	6	6	5	5	6	6	7	11	13	10	9	7	7.2	24	14
4	6	5	5	5	5	7	9	10	9	8	8	6	6	5	5	6	7	6	6	6	6	6	6	6	6.4	24	12
5*	6	6	5	5	5	6	6	7	7	6	5	5	5	4	5	5	5	5	6	6	6	6	6	6	5.5	24	8
6*	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	7	7	5.4	24	8
7	6	8	7	7	7	8	9	10	9	6	5	5	5	5	5	5	5	5	6	7	7	6	6	6	6.4	24	11
8	5	5	5	5	5	7	12	9	7	6	6	5	5	5	5	6	6	6	7	7	6	6	6	6	6.1	24	13
9	5		5	5	6	8	10	10	10	8	5	5	4	5	5	5	5	5	5	5	6	5	5	5	5.9	23	12
10	4	4	4	4	4	5	6	7	6	6	5	3	4	4	4	5	3	3	3	3	3	3	3	3	4.1	24	8
11	2	2	2	2	2	3	5	5	4	4	4	2	3		3	3	4	3	4	4	4	5	3	3	3.3	23	7
12*	2	3	2	2	2	3	3	3	3	3	3	3	3	3	3	4	3	4	4	4	4	3	3	3	3.1	24	5
13*	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3.2	24	5
14	3	3	3	3	3	4	6	6	5	4	4	3	4	4	5	5	5	5	7	8	8	6	6	5	4.8	24	11
15	5	5	6	5	5	9	12	12	9	5	4	4	4	4	4	4	5	5	8	13	9	10	8	5	6.6	24	16
16	4	4	4	4	4	5	5	6	5	4	4	4	4	4	4	4	5	5	5	5	5	4	5	4	4.3	24	7
17	4	4	4	4	4	5	7	7	6	5	5	4	5	5	5	5	6	5	5	5	4	4	4	4	4.9	24	9
18	4	4	4	4	4	5	8	8	7	7		5	6	6	6	6	7	6	6	6	5	5	5	6	5.6	23	11
19*	6	6	5	5	4	5	6	6	5	5	5	5	5	5	4	5	5	5	5	4	4	4	4	4	4.8	24	9
20*	4	4	4	4	4	4	4	4	4	5	5	4	5	5	4	5	4	5	5	5	5	4	4	4	4.4	24	6
21	4	4	4	4	4	5	6	7	6	6	6	5	5	5	4	5	4	4	6	6	5	5	4	4	5.0	24	7
22	4	4	4	4	4	5	6	8	6	5	5	4	5	5	5	5	5	5	6	6	6	6	6	5	5.1	24	12
23	5	4	4	5	4	7	9	9	7	6	5	4	5	5	4	5	8	7	8	8	9	6	4	3	5.8	24	11
24	4	4	4	4	4	7	11	12	8	6	5	4	5	5	6	5	6	5	5	5	5	5	4	4	5.5	24	15
25	4	4	4	4	4	5	9	8	6	5	5	4	5	5	5	5	6	6	7	8	10	13	13	16	6.7	24	21
26*	10	10	9	12	15	15	17	19	14	8	4	4	4	4	4	4	4	4	5	4	4	4	4	5	7.9	24	21
27*	4	4	4	4	4	4	4	4	4	4	4	4	3	4	3	3	3	4	5	4	4	4	4	5	3.9	24	5
28	4	3	3	3	3	4	4	7	6	6	4	5	6	6	6	7	6	6	5	5	5	5	5	5	4.9	24	8
29	4	4	4	4	5	6	9	11	11	8	10	9	9	8	8	8	12	13	9	10	9	8	7	7	8.0	24	16
30	6	6	5	5	6	7	8	9	9	6	5	5	5	6	5	6	7	6	6	7	6	5	6	5	6.0	24	10
MEAN	5	5	4	5	5	6	7	8	7	5	5	4	5	5	5	5	5	5	6	6	6	6	5	5	5.4		
NO.	30	29	30	30	30	30	30	30	30	30	29	30	30	29	30	30	30	30	30	30	30	30	30	30		717	
MAX.	10	10	9	12	15	15	17	19	14	8	10	9	9	8	8	8	12	13	9	13	13	13	13	16	8.0		21

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Table 3-346.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM

INFRARED ANALYSIS

CARBON MONOXIDE
OCT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	4	4	3	4	4	4	7	7	6	5	4	4	5	5	5	6	6	4	5	5	4	4	3	4	4.6	24	7
2	3	3	3	3	3	3	5	7	6	5	7	8	7			7	9	6	6	5	5	4	4	4	5.1	22	10
3*	3	4	3	3	3	3	5	6	5	3	5	5	4	3	3	5	5	4	7	6	5	4	5	5	4.3	24	9
4*	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	10	12	12		4	4	4	4.8	23	16
5	3	3	3	3	3	3	5	5	6	5	5	5	5	4	5	6	6	6	7	10	9	9	9	5	5.3	24	11
6	5	3	3	3	3	4	6	7	6	5	4	3		3	4	4	5	5	7	6	5	6	6	4	4.6	23	9
7	3	2	3	2	2	5	5	5	3	4	3	4	4	4	4	5		5	6	6	6		12	10	4.6	22	14
8		13	11	10	6	6	6	7	6	6	4	4	5	5	4	4	6	6	6	6	5	5	5	5	6.0	23	13
9	4	4	5	7	7	6	9	12	13		4	4	4	4		4	7	6	7	6	4	4	4	3	5.9	22	14
10*	3	3	3	2	2	2	3	3	3	3	3	3	4	3	3	4	4	4	4	3	4	3	3	3	3.1	24	4
11*	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	3	4	5	6	6	8	8	9	8	3.9	24	9
12	6	4	4	4	3	4	6	8	6	4	4	4	4	4	5	6	7	7	7	8	8	6	8	9	5.7	24	10
13	7	6	5	5	5	5	12				9	5	5	6	7	6	7	11	13	14	12		15	15	8.6	20	16
14	14	11	7	5	5	7	9	11	9		5	5	5	5	4	3	6	8	10	12	12	9	12	13	8.1	23	16
15	13	12	14	13	14	15	19	27	28	19	13	7	5	5	8	5	4	9	15	9	12	11	16	17	13.0	24	29
16	7	6	5	4	5	5	7	8	7	5	5			5	6	6	6	5	5	4	4	4	4	4	5.3	22	9
17*	4	4	4	4	4	5	5	5	6	5	5	6	7	5	6	5	6	5	6	5	5	5	5	5	5.1	24	7
18*	4	4	4	4	4	4	4	4	4	4	4	5	4	4	3	4	4							9	4.3	18	9
19	10	6	6	5	5	5	4	4	4	4	4	5	5	7	6	6	6	6	4	5	5	5	5	4	5.2	24	10
20	3	3	3	4	3	4	5	5	7	6	5	5	5	5	4	5	4	5	6	7	7	5	5	5	4.8	24	9
21	4	4	4	3	3	4	7	12	8	5	4	4	5	5	5	7	7	6	6	6	4	3	3	3	5.1	24	13
22	3	3	4	4	6	7	7	6	5	4	4	4	3	3	5	4	4	5	6	7	5	5	5	4	4.7	24	8
23	4	5	4	3	3	3		12	8	5		5	5	5	6	6	7	7	7	7	8	8	8	7	6.0	22	12
24*	6	6	5	4	5	5	6	6	6	5	4	5	5	5	5	5	5	6	7	9	9	9	10	12	6.2	24	12
25*	9			8	7	6	5	6	6	6	6	6	5	5	5	5	5	6	8	8	7	6	6	6	6.2	22	12
26	5	5	6	6	5	6	7	13	21	15	8	6	5	5	5	5	7				14				7.9	18	22
27	16	14		8	8	7	9	13	13	14	13	9	6	5	6	6	7	10	10	8	6	7	7	8	9.1	23	14
28	8	6	6	5	6		10	9	10	7	7	6	5	6	6	5	7	8	8	7	7	6	7	5	6.8	23	12
29	5	4	4	4	4	3	5	8	10	9	7	6	7	7	5	5	6	7	8	13					6.4	20	15
30					4	4	5	7	5	4			5	5	4	6	6	8	9	9	8	11	11	8	6.7	18	11
31*	7	6	6	8	6	5	4		4	4	3	3	3	3	3	4	4	6	6	6		10	15	16	6.0	22	16
MEAN	6	5	5	5	5	5	6	8	7	6	5	5	5	5	5	5	6	6	7	7	7	6	7	7	5.9		
NO.	29	29	28	30	31	30	30	29	30	28	29	29	29	30	29	31	30	29	29	29	27	26	28	29		698	
MAX.	14	14	14	13	14	15	19	27	28	19	13	9	7	7	8	7	9	11	15	14	14	11	16	17	13.0		29

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-347.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*																											
2																											
3																											
4																											
5																											
6	4	4	3	3	3	3	3	4	3		4	5	4	4	5	5	5			6	6	6	6	5	4.3	21	7
7*	5	7	7	6	5	5	5	5	5	6	6	3	3	4	7	7	7								5.5	17	7
8*																											
9																											
10																											
11																											
12																											
13																											
14*																											
15*																											
16																											
17																											
18																											
19																											
20																											
21*	6	5	4	5	5	4	5	5	5	4	4	4	4	5	5	5	5	5	5	5	5	6	6	6	4.9	24	7
22*	5	5	5	6	6	6	6	6	6	6	6	6	5	7	6	6	7	6							5.8	18	10
23										5	3	2	2	3	3	3	6	7	5	4	4	3	4	5	3.9	15	13
24	3	3	4	7	9	7	7	10	10	7	7	6	3	4	4	4	6	6	4	4	4	3	3	4	5.3	24	14
25	3	3	2	2	2	2	4	5	5	5	5	5	4	5	4	5	6	5	4	5	4	5	4	4	4.1	24	9
26	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	5	5	6	9	9	4	4.0	24	14
27	3	3	2	3	3	3	5	6	5	4	3	3	3	4	4	4	5	6	5	7		5	5	5	4.2	23	9
28*	3	4	4	3	3	3	3	5	5	4	3	3	3	3	5	6	6	6	7	6	5	5	5	5	4.3	24	8
29*	4	4	3	2	2	2	2	2	3	2	3	3	2	3	3	3	4	3	3	4	3	3	3	3	2.9	24	6
30	3	2	2	2	2	2	3	5	4	4	4	3	3	4	4	3	4	4	3	3	2	2	2	3	3.0	24	9
MEAN																											
NO	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	10	9	10	9	10	10	10		262	
MAX	6	7	7	7	9	7	7	10	10	7	7	6	5	7	7	7	7	7	7	7	6	9	9	6	5.8		14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-348.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

INFRARED ANALYSIS

CARBON MONOXIDE
DEC. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	2	2	2	2	2	2	3	3	4	4	4	5	5	5	6	5	7	8	5	5	5	5	5	5	4.1	24	12
2	5	5	5	4	5	5	6	6	8	7	7	6	6	6	6	6	10	10	9	9	9	8	6	5	6.5	24	17
3	5	6	4	5	5	4	5	7	9	7	7	6	7	7	7	9	11	11	9	7	7	6	6	7	6.7	24	14
4	7	6	5	5	5	6	6	7	9		12	16	9	8	8	13	24	28	27	14	10	10	12	11	11.1	23	35
5*	9	11	7	7	6	6	6	7	7	7	8	7	7	7	7	7	7	7	7	7	6	6	6	5	7.0	24	11
6*	5	5	5	4	4	4	4	4	4	5	5	5	4	5	5	5	5	5	5	5	4	5	5	4	4.5	24	7
7	4	4	4	4	4	5	5	5	6	5	5	5	5	5	6	6	9	8	7	6	6	9	12	8	6.0	24	14
8	6	5	6	5	5	5	6	7	9	7	6	6	7	6	7	7	9	8	7	6	7	6	6	6	6.5	24	11
9	6	5	6	5	5	6	6	9	10	8	7	6	6	7	7	6	9	9	9	9	8	8	8	7	7.1	24	13
10	7	6	6	5	6	7	9	12	13	9	7	6	6	7	7	7	8	9	8	8	8	7	6	6	7.4	24	16
11	6	5	5	5	5	5	6	8	8			7	7	8	8	8	10	13	9	10	9	9	9	7	7.5	22	16
12*	7	7	7	6	6	8	9	12	11	13	10	12	12	7	7	7	8	10	19	26	22	16	15	16	11.3	24	37
13*	17	14	13	10	10	6	6	9	12	8	6	6	6	6	6	6	6	6	6	6	5	5	5	4	7.7	24	18
14	4	4	4	4	4	4	5	6	6								7	10	7	7	7	6	5	5	5.5	17	11
15	5	4	4	4	4	4	5	6	6	6	5	5	5	6	6	6	7	7	6	6	6	6	5	5	5.4	24	10
16	5	5	5	5	5	5	5	7	8	7	6	6	5	6	6	6	8	8	7	7	6	5	5	4	5.9	24	11
17	4	4	4	4	4	4	5	7	9	7	7	6	6	7	7	7	10	14	12	8	6	6	5	5	6.6	24	18
18	5	4	4	4	3	4	4	5	5	5	6	6	6	6	6		2	4	3	3	3	3	3	4	4.2	23	7
19*	3	3	3	3	3	3	3	5	4	6	6	5	5	5	5	5	5	5	4	4	4	4	4	4	4.2	24	8
20*	4	4	4	4	3	4	4	4	4	4	6	5	5	5	5	5	5	4	5	5	4	4	4	4	4.3	24	9
21	3	3	3	3	3	4	5	7	8		5	5	6	6	5	6	7	6	6	5	5	5	5	5	5.0	23	10
22	5	4	4	4	4	4	5	8	9	8	7	6	5	6	6	7	8	10	9	7	6	5	7	6	6.3	24	12
23	5	4	4	4	4	4	5	6	7	7	5	5	4	5	5	5	7	5	5	6	5	5	5	6	5.1	24	11
24	5	4	4	4	4	5	5	6	7	6	6	6	6	7	7	8	11	13	14	14	9	10	11	9	7.5	24	19
25	11	12	14	5	3	3	3	3	3	3	3	4	4	4	3	4	7	9	10	8	9	12	9	12	6.6	24	23
26*	7	6	4	3	3	3	3	4	4	4	4	5	5	5	5	5	5	6	5	8	9	7	10	8	5.3	24	13
27*	6	4	4	4	4	4	4	5	5	5	5	4	3	4	4	3	3	3	2	3	2	2	2	2	3.5	24	7
28	1	1	1	1	1	1	1	2	2	1	1	2	2	2		3	5	4	4	4	3	3	3	3	2.1	23	6
29	2	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	5	5	4	3	3	3	3	3	2.6	24	8
30	2	2	2	2	2	2	2	3	5	4	4	4	4	5	5	6	10	13	21	28	32	16	13	6	8.1	24	37
31																											
MEAN	5	5	5	4	4	4	5	6	7	6	6	6	5	6	6	6	8	9	8	8	7	7	7	6	6.1		
NO.	30	30	30	30	30	30	30	30	30	26	28	29	29	29	28	28	30	30	30	30	30	30	30	30		707	
MAX.	17	14	14	10	10	8	9	12	13	13	12	16	12	8	8	13	24	28	27	28	32	16	15	16	11.3		37

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sani..., ..gineering Center
Cincinnati, Ohio 45226

Table 3-349.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.00											.00	.00	.00		.04	.05	.05	.05	.05	.05	.05	.07	.06	.036	13	.07
2	.06	.06	.07	.08	.08	.09	.12	.23	.23	.21	.16	.15	.15	.16		.04	.08	.15	.14	.16	.10	.07	.05	.05	.115	23	.28
3	.03	.01	.01	.01	.01	.02	.05	.14	.24	.23	.09	.04	.04	.03		.03	.04	.07	.07	.09	.12	.12	.13	.14	.076	23	.27
4*																											
5*																											
6																											
7	.04	.03	.04	.03	.02	.02	.03	.07	.09	.06	.05	.04	.02	.02			.01	.04	.07	.11	.08	.08	.07	.06	.049	22	.12
8	.03	.01	.03	.03	.03	.03	.07	.10	.12	.08	.05	.02	.02	.00		.01	.02	.03	.06	.07	.06	.04	.03	.02	.041	23	.14
9	.01	.00	.00	.00	.00	.00	.01	.03	.13	.18	.18	.14	.10	.12		.05	.11	.11	.09	.07	.04	.03	.04	.03	.063	23	.21
10	.03	.03	.01	.00	.00	.00	.01	.02	.05	.04	.02	.02	.02	.02		.01	.01	.02	.03	.01	.02	.02	.01	.01	.017	23	.05
11*	.01	.01	.01	.00	.00	.01	.02	.03	.04	.03	.03	.02	.02	.02		.01	.03	.05	.06	.09	.25	.24	.19	.12	.055	23	.30
12*	.09	.07	.05	.02	.01	.02	.01	.00	.00	.01	.02	.02	.01	.02		.01	.02	.01	.01	.02	.01	.01	.02	.01	.019	23	.10
13	.00	.00	.00	.00	.01	.01	.02	.02	.03	.04	.03	.03	.03	.02			.01	.02	.01	.00	.00	.00	.00	.00	.012	22	.05
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02			.02	.03	.04	.03	.02	.01	.01	.01	.011	22	.05
15	.01	.01	.01	.01	.01	.00	.03	.06	.12	.10	.04	.03	.02	.02		.01	.04	.09	.09	.05	.05	.06	.05	.04	.041	23	.15
16	.03	.04	.05	.06	.07	.09	.13	.21	.26	.13	.09	.08	.05	.03		.01	.08	.17	.18	.14	.13	.14	.18	.15	.109	23	.29
17	.10	.10	.11	.11	.10	.13	.09	.18	.17	.10	.04	.02	.01	.00		.00	.01	.05	.07	.08	.15	.15	.13	.11	.087	23	.32
18*	.08	.10	.07	.14	.38	.36	.34	.35	.29	.15	.04	.03	.02	.02		.01	.03	.10	.30	.75	.84	.82	.84	.65	.291	23	.94
19*	.61	.59	.58	.63	.56	.44	.31	.23	.16	.11	.09	.06	.05	.04		.01	.03	.14	.13	.07	.01	.01	.00	.00	.210	23	.68
20	.00	.00	.00	.00	.00	.00	.00	.02	.05	.09	.09	.07	.06	.06			.08	.07	.04	.01	.01	.00	.00	.00	.029	22	.10
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.01	.01		.00	.03	.11	.25	.32	.24	.03	.01	.00	.046	22	.41
22	.00	.01	.04	.11	.22	.24	.39	.72	.88	.37	.08	.02	.01	.00		.00	.01	.05	.07	.07	.11	.15	.14	.13	.166	23	.98
23	.14	.15	.14	.12	.11	.10	.12	.18	.27	.19	.08	.04	.06	.03		.01	.04	.08	.06	.12	.14	.15	.12	.11	.110	23	.33
24	.08	.05	.03	.04	.05	.08	.08	.17	.25	.24	.19	.13	.07	.03		.03	.05	.08	.12	.10	.09	.06	.07	.05	.092	23	.27
25*	.02	.02	.04	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.03		.01	.01	.01	.01	.03	.03	.03	.03	.02	.013	23	.06
26*	.02	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01		.00	.00	.00	.01	.01	.03	.03	.03	.02	.013	23	.04
27	.05	.06	.08	.05	.03	.03	.07	.18	.33	.24	.21	.08	.05			.04	.13	.14	.12	.11	.10	.11	.15	.19	.116	22	.40
28	.17	.08	.06	.05	.04	.02	.02	.03	.03	.02	.02	.01	.01	.01			.02	.03	.02	.02	.02	.02	.01	.01	.032	22	.25
29	.00	.00	.00	.00	.00	.01	.02	.05	.07	.05	.03	.01	.01	.01		.01	.04	.08	.08	.07	.06	.05	.05	.04	.032	23	.11
30	.02	.02	.01	.02	.01	.02	.05	.20	.38	.14	.04	.02	.02	.02		.01	.02	.05	.06	.08	.07	.05	.04	.07	.062	23	.45
31	.07	.08	.13	.15	.15	.17	.21	.28	.26	.12	.09		.06	.03		.02	.05	.07	.06	.02	.03	.03	.03	.03	.096	22	.40
MEAN	.06	.06	.06	.06	.07	.07	.08	.13	.17	.11	.06	.04	.03	.03		.02	.04	.07	.08	.10	.10	.09	.09	.08	.074		
NO	28	27	27	27	27	27	27	27	27	27	27	26	28	27		23	28	28	28	28	28	28	28	28		626	
MAX	.61	.59	.58	.63	.56	.44	.39	.72	.88	.37	.21	.15	.15	.16		.05	.13	.17	.30	.75	.84	.82	.84	.65	.291		.98

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Table 3-350.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON.D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
FEB. 1964

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.03	.04	.03	.07	.06	.03	.04	.06	.07	.08	.08	.05	.04	.04		.02	.04	.04	.06	.05	.04	.02	.01	.01	.043	23	.10
2*	.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.008	23	.02
3	.01	.01	.00	.00	.00	.00	.01	.04	.06	.04	.02	.02	.02	.02		.01	.02	.04	.05	.04	.04	.03	.02	.02	.022	23	.06
4	.01	.01	.01	.01	.01	.01	.04	.11	.16	.09	.03	.03				.01	.04	.05	.08	.10	.08	.11	.25	.26	.071	21	.43
5	.29	.15	.12	.12	.11	.09	.11	.33	.38	.37	.10	.02	.01	.01			.01	.05	.10	.15	.17	.19	.12	.12	.142	22	.50
6	.10	.06	.04	.02	.01	.00	.01	.02	.02	.01	.01	.02	.02	.03		.02	.04	.06	.06	.06	.04	.02	.01	.01	.029	23	.13
7	.01	.01	.01	.01	.02	.01	.01	.07	.16	.12	.07	.04	.04	.02		.03	.04	.07	.07	.03	.02	.02	.01	.01	.038	23	.18
8*	.01	.00	.01	.01	.00	.00	.00	.01	.02	.01	.02	.02	.01	.02		.01	.01	.01	.02	.02	.03	.03	.05	.06	.015	23	.06
9*	.05	.03	.03	.02	.03	.02	.02	.05	.05	.03	.02	.01	.01	.01		.01	.01	.01	.02	.04	.03	.03	.03	.05	.025	23	.06
10	.04	.03	.02	.01	.01	.01	.02	.06	.08	.07	.05	.04	.02	.02		.01	.02	.03	.04	.03	.01	.01	.01	.02	.027	23	.09
11	.01	.01	.01	.01	.01	.02	.02	.06	.07	.04	.04	.03	.02	.02		.02	.04	.04	.03	.02	.04	.04	.02	.02	.027	23	.07
12	.01	.01	.00	.00	.00	.01	.02	.05	.06				.01	.01		.01	.02	.04	.06	.06	.13	.12	.11	.11	.041	20	.16
13	.08	.07	.06	.04	.01	.01	.02	.03	.08	.06	.02	.01	.00	.00		.04	.08	.11	.12	.11	.07	.06	.06	.06	.052	23	.13
14	.03	.02	.02	.01	.01	.01	.02	.03	.04	.02	.01	.01	.01	.01		.00	.01	.01	.02	.02	.03	.03	.03	.03	.019	23	.04
15*	.05	.03	.06	.09	.14	.13	.15	.16	.10	.07	.04	.03	.02	.02		.01	.02	.02	.02	.01	.01	.01	.01	.00	.052	23	.20
16*	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.006	23	.02
17	.00	.00	.00	.00	.00	.00	.01	.03	.05	.04	.02	.01	.01	.01		.01	.01	.04	.04	.03	.00	.00	.00	.00	.015	23	.05
18	.01	.00	.00	.00	.00	.00	.01	.03	.06	.05	.04			.05			.06	.06	.02	.00	.00	.00	.00	.00	.020	20	.07
19	.01	.01	.01	.00	.00	.00	.02	.03	.07	.06	.04	.02	.02	.01		.01	.05	.05	.03	.02	.01	.01	.01	.01	.020	23	.08
20																											
21	.01	.00	.00	.00	.00	.00	.01	.03	.03	.02	.02	.01	.01	.01		.00	.00	.00	.02	.02	.02	.02	.01	.01	.010	23	.04
22*	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01			.01	.01	.02	.02	.01	.01	.01	.01	.007	22	.02
23*	.02	.01	.00	.00	.00	.00	.00	.01	.01	.01			.02	.01	.01	.01	.01	.01	.01	.01	.03	.03	.03	.03	.011	22	.03
24	.01	.01	.01	.00	.00	.00	.01	.03	.11	.06	.03	.02	.01	.00				.03	.03	.02	.02	.02	.02	.02	.023	21	.13
25	.02	.02	.02	.02	.01	.01	.03	.05	.11	.04	.02	.02	.01	.02		.01	.02	.02	.02	.02	.02	.02	.02	.02	.024	23	.14
26	.05	.11	.13	.11	.08	.08	.06	.06	.10	.06		.03	.02	.02		.00	.00	.03	.02	.01	.01	.00	.00	.00	.043	22	.14
27	.00	.00	.00	.01	.01	.01	.01	.02	.04	.03	.03	.02	.02			.00	.01	.02			.02	.02	.04	.03	.016	20	.05
28	.02	.03	.04	.03	.02	.01	.02	.06	.07	.04							.04	.04	.02	.01	.01	.00	.00	.00	.025	18	.08
29*	.01	.01	.01	.00	.00	.01	.00	.01	.01	.01	.01	.00	.00	.01		.00	.01	.02	.05	.11	.10	.06	.05	.03	.022	23	.12
MEAN	.03	.02	.02	.02	.02	.02	.02	.05	.07	.05	.03	.02	.01	.02		.01	.02	.03	.04	.04	.04	.03	.03	.03	.030		
NO	28	28	28	28	28	28	28	28	28	27	24	24	25	25	1	23	27	28	27	27	28	28	28	28		622	
MAX	.29	.15	.13	.12	.14	.13	.15	.33	.38	.37	.10	.05	.04	.05	.01	.04	.08	.11	.12	.15	.17	.19	.25	.26	.142		.50

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-351.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	.03	.02	.01	.01	.00	.00	.00	.01	.01	.01	.07	.03	.01	.01		.01	.01	.03	.04	.06	.03	.03	.03	.04	.022	23	.20
2	.06	.06	.04	.07	.09	.11	.11				.12	.02	.01	.00		.01	.01	.02	.03	.04	.02	.01	.01	.00	.042	20	.18
3	.00	.00	.00	.01	.00	.00	.01	.03	.04	.06	.08	.07	.07	.04		.02	.05	.06	.06	.05	.05	.04		.04	.034	22	.08
4	.04	.04	.03	.02	.01	.00	.00	.01	.03	.02			.03	.02		.00	.01	.01	.01	.01	.01	.01	.03	.06	.018	21	.07
5	.05	.07	.11	.04	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00		.00	.00	.01	.01	.00	.00	.00	.00	.00	.013	23	.12
6	.00	.00	.00	.00	.01	.01	.02	.04	.04	.02	.01	.01	.01	.00		.01	.02	.03	.05	.05	.05	.04	.03	.03	.019	23	.07
7*	.02	.01	.01	.02	.01	.01	.02	.03	.03	.04	.03	.01	.02	.01		.01	.01	.01	.03	.09	.07	.06	.04	.04	.026	23	.10
8*	.05	.09	.13	.17	.11	.07	.07	.05	.03	.01	.01	.01	.01	.01		.02	.05	.03	.02	.02	.01	.02	.03	.01	.044	23	.18
9	.00	.00	.00	.00	.00	.00	.02	.08	.08	.02	.01	.00		.00			.00	.01	.00	.00	.00	.00	.00	.00	.011	21	.13
10	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00		.00	.00	.00											.001	13	.01
11																											
12	.03	.02	.02	.02	.02	.02	.03	.03	.03	.04	.03	.02	.02	.02			.01	.02	.03	.03	.03		.00	.00	.021	21	.04
13	.00	.00	.00	.00	.00	.00	.03	.06	.08	.02	.00	.00	.00	.00		.00	.00	.01	.02	.03	.02	.01	.01	.00	.012	23	.08
14*	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.01	.02	.02		.02	.01	.01	.02	.01	.01	.00	.00	.00	.008	23	.03
15*	.00	.00	.00		.01	.00	.00	.01	.01	.01	.00	.01	.01	.02	.01		.01	.02	.03	.04	.03	.02	.01	.03	.012	22	.04
16	.03	.02	.01	.01	.01	.02	.04	.09	.06	.01	.00	.01	.00	.00		.00	.00	.00	.02	.07	.03	.01	.01	.01	.018	23	.11
17	.00	.00	.00	.00	.00	.00	.00	.01	.04	.03			.00	.00			.01	.03	.02	.01	.00	.00	.00	.00	.008	20	.04
18	.00	.00	.00	.00	.00	.00	.00	.02	.02	.01			.00			.00	.00	.02	.03	.03					.008	16	.03
19																											
20	.00	.00	.00	.00	.00	.00	.02	.03	.03	.01	.01	.01	.01	.01		.01	.01	.02	.03	.02	.01	.00	.01	.02	.011	23	.05
21*	.02	.01	.00	.00	.01	.00	.01	.00	.00	.00	.03	.03	.03			.02	.00	.01	.01	.01	.01	.00	.00	.00	.008	22	.05
22*																											
23																											
24										.00	.00	.00	.00	.00		.00	.01	.02	.02	.01	.02	.02	.00	.00	.007	14	.03
25	.00	.00	.00	.00	.00	.00	.02	.05	.04	.02	.02	.00	.00					.02	.00	.00	.00	.00	.00	.00	.008	20	.06
26																											
27																											
28*																											
29*																											
30											.03	.02	.02	.01		.04	.03	.05	.04	.03	.03	.03	.02	.01	.026	13	.06
31	.01	.01	.01	.02	.02	.01	.02	.05	.04	.02			.00	.00			.01	.01	.01	.01	.01	.01	.00	.00	.014	20	.07
MEAN	.02	.02	.02	.02	.01	.01	.02	.03	.03	.02	.03	.01	.01	.01		.01	.01	.02	.02	.03	.02	.01	.01	.01	.017		
NO	21	21	21	20	21	21	21	20	20	21	18	19	22	20	1	16	21	22	22	22	21	20	20	21		472	
MAX	.06	.09	.13	.17	.11	.11	.11	.09	.08	.06	.12	.07	.07	.04	.01	.04	.05	.06	.06	.09	.07	.06	.04	.06	.044		.20

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-352.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.01	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.00	.00	.00		.00	.00	.01	.00	.00	.02	.06	.05	.03	.011	23	.07
2	.02	.02	.01	.01	.00	.00	.01	.03	.02	.03	.00	.00	.00	.01		.00	.03	.04	.03	.02	.03	.03	.02	.03	.016	23	.06
3	.06	.04	.01	.00	.00	.00	.00	.00	.02	.01						.00	.01	.02	.01	.00	.00	.00	.00	.00	.009	19	.07
4*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.01	.01	.01	.00	.01	.03	.03	.03	.01	.006	23	.05
5*	.01	.01	.00	.01	.04	.14	.16	.10	.03	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.021	23	.17
6	.00	.01	.00	.00	.00	.00	.00	.00									.02	.04	.05	.04	.04	.03	.02	.02	.017	16	.06
7	.02	.01	.01	.01	.02	.02	.05	.09	.10	.06	.07	.06	.06	.07			.10	.10	.13	.11	.05	.10	.10	.08	.063	22	.16
8	.07	.06	.06	.05	.05	.04	.10	.17	.18	.17	.11	.08	.04	.02		.02	.02	.01	.01	.00	.00	.00	.00	.00	.054	23	.22
9	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00		.00	.00	.01	.00	.01	.02	.02	.03	.03	.007	23	.04
10	.02	.02	.01	.05	.08	.07	.16	.15	.12	.01	.00	.00	.00	.00		.00	.00	.01	.01	.02	.13	.19	.05	.03	.050	23	.26
11*	.04	.03	.02	.02	.01	.01	.02	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.00	.00	.00	.009	23	.05
12*	.00	.00	.00	.00	.01	.00	.00	.01	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
13	.00	.00	.00	.00	.00	.00	.01	.02	.01	.00	.00	.00	.00	.00		.00	.01	.02	.01	.00	.00	.00	.00	.00	.003	23	.03
14											.02	.01	.01	.01		.00	.00	.01	.00	.01	.03	.01	.01	.01	.009	13	.05
15																											
16	.00	.00	.00	.00	.00	.01	.05	.05	.03	.01	.00	.00	.00	.00		.00	.00	.01	.01	.04	.03	.01	.01	.01	.012	23	.07
17	.02	.00	.00	.00	.01	.00	.03	.05	.05	.02	.01	.01	.01	.01		.00	.01	.02	.02	.04	.05	.04	.04	.07	.021	23	.09
18*	.04	.02	.02	.01	.01	.05	.06	.05	.04	.02	.00	.00	.00	.00		.00	.00	.00	.01	.01	.01	.01	.00	.00	.016	23	.10
19*	.00	.00	.00	.00	.00	.01	.02	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.03
20	.00	.00	.00	.00	.00	.01	.01	.02	.03	.02		.00	.00	.00		.01	.02	.02	.01	.01	.02	.01	.00	.01	.009	22	.03
21	.01	.00	.00	.00	.00	.00	.00	.02	.02	.01	.01	.01	.01	.01			.03	.02	.02	.02	.01	.01	.01	.00	.010	22	.04
22	.00	.00	.00	.00	.00	.00	.01	.03	.06	.05	.03	.02	.02	.02		.03	.07	.08	.06	.07	.07	.05	.08	.16	.038	23	.20
23	.21	.21	.09	.08	.06	.06	.07	.12	.04	.01	.00	.00	.00		.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.041	23	.29
24	.00	.05	.05	.04	.04	.02	.00	.02	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.011	23	.07
25*	.01	.01	.01	.01	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.02	.01	.00	.005	23	.02
26*	.01	.01	.00	.00	.00	.05	.13	.08	.02	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.013	23	.14
27	.00	.00	.00	.00	.01	.04	.06	.04	.02	.01	.01	.00	.00	.01		.01	.01	.02	.01	.01	.00	.00	.01	.00	.011	23	.07
28	.01	.00	.00	.01	.01	.02	.04	.06	.05	.03	.02	.01	.01	.01		.01	.01	.01	.01	.00	.00	.00	.00	.00	.013	23	.07
29	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01		.01	.01	.01	.00	.00	.00	.00	.00	.00	.004	23	.02
30	.00	.00	.00	.00	.00	.01	.03	.04	.03	.02	.02	.02	.01	.01		.02	.02	.01	.01	.01	.00	.00	.00	.00	.010	23	.04
MEAN	.02	.02	.01	.01	.01	.02	.04	.04	.03	.02	.01	.01	.01	.01	1	.00	.01	.02	.01	.02	.02	.02	.02	.02	.017		
NO.	28	28	28	28	28	28	28	28	27	27	26	27	27	26		26	29	29	29	29	29	29	29	29		643	
MAX	.21	.21	.09	.08	.08	.14	.16	.17	.18	.17	.11	.08	.06	.07	.00	.03	.10	.10	.13	.11	.13	.19	.10	.16	.063		.29

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-353.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.01	.01	.00	.00	.00	.01	.03	.04	.04	.03	.01	.00	.01	.01		.03	.02	.00	.01	.00	.00	.00	.00	.00	.011	23	.05
2*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.001	23	.02
3*	.01	.01	.01	.00	.00	.01	.02	.02	.02	.03	.02	.01	.01	.00		.00	.00	.00	.00	.00	.01	.01	.01	.00	.008	23	.03
4	.00	.00	.00	.00	.01	.04	.06	.03	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.01	.00	.01	.008	23	.07
5	.02	.03	.02	.05	.16	.26	.27	.15	.05	.01	.00	.00	.00			.00	.00	.00	.00	.00	.00	.01	.00	.01	.047	22	.34
6	.01	.00	.00	.00	.02	.06	.08	.05	.04	.01	.00	.00	.00	.00		.00	.00	.00	.00	.01	.02	.03	.03	.01	.015	23	.09
7	.00	.00	.00	.01	.02	.04	.11	.11	.04	.02	.01	.00	.01	.00		.00	.01	.00	.00	.01	.03	.01	.03	.04	.022	23	.15
8	.08	.12	.15	.15	.11	.19	.25	.16	.04	.02	.00	.00	.00	.00		.00	.01	.01	.03	.02	.02	.03	.02	.01	.061	23	.28
9*	.01	.00	.00	.00	.00	.00	.02	.02	.02	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.03
10*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.03	.05	.04	.006	23	.09
11	.01	.00	.00	.00	.00	.04	.05	.02		.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.07	.17	.20	.23	.037	22	.25
12	.25	.16	.12	.05	.03	.04	.07	.06	.03	.01	.00	.00	.00	.00		.00	.00	.00	.00	.02	.01	.01	.02	.01	.038	23	.27
13	.00	.01	.00	.00	.00	.00	.02	.05	.07	.13	.03	.01	.02	.00		.00	.05	.07	.04	.04	.04	.07	.04	.01	.030	23	.15
14	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.00	.00	.00	.00		.01	.01	.01	.00	.01	.01	.00	.00	.00	.004	23	.02
15	.00	.00	.00	.00	.00	.02	.05	.05	.03	.03	.01	.01	.01	.01		.00	.00	.00	.00	.02	.03	.04	.04	.04	.018	23	.06
16*	.04	.06	.03	.02	.02	.03	.04	.04	.02	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.00	.00	.01	.013	23	.07
17*	.00	.00	.00	.00	.00	.01	.01	.02	.03	.03	.01	.00	.00	.00		.00	.01	.01	.01	.03	.05	.16	.15	.09	.027	23	.20
18	.10	.05	.02	.02	.03	.11	.13	.08	.02	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.08	.05	.04	.04	.034	23	.16
19	.02	.02	.01	.01	.01	.02		.06	.03			.00	.00	.00		.00	.00	.00	.00	.00	.01	.00	.00	.00	.010	20	.07
20	.00	.01	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.01	.01	.01	.004	22	.02
21	.01	.01	.00	.00	.00	.01	.02	.03	.02	.00		.00		.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	21	.03
22	.00	.00	.00	.00	.00	.00	.02	.03	.02	.00	.00	.00	.00	.00		.00	.00								.005	16	.04
23*			.01	.02	.03	.03	.05		.02	.00	.00	.00	.00	.00		.00	.00	.00							.012	14	.06
24*																											
25									.01	.01		.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	14	.01
26	.00	.00	.00	.00	.00	.02	.04	.03	.01			.00	.00	.00			.00	.00	.00	.00	.01	.01	.00	.00	.006	20	.06
27	.01	.00	.00	.00	.00	.02	.07	.08	.02	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.009	23	.11
28	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.00	.00	.00		.01	.01	.00	.00	.00	.00	.00	.00	.00	.002	23	.02
29	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.07	.005	23	.11
30*	.13	.15	.05	.03	.02	.02	.02	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.019	23	.16
31*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.01	.01	.001	22	.02
MEAN	.02	.02	.01	.01	.02	.03	.05	.04	.02	.01	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.02	.02	.02	.016		
NO	28	28	29	29	29	29	28	28	29	28	26	30	29	29		27	30	29	28	28	28	28	28	28		653	
MAX	.25	.16	.15	.15	.16	.26	.27	.16	.07	.13	.03	.01	.02	.01		.03	.05	.07	.04	.04	.08	.17	.20	.23	.061		.34

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Table 3-354.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
JUNE 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01	.02	.01	.01	.00	.02	.04	.06	.02	.00	.00	.00	.00	.00		.01	.02	.01	.01	.00	.01	.01	.01	.01	.011	23	.07
2	.01	.00	.00	.00	.00	.02	.04	.05	.03			.01	.01	.00		.00	.01	.01	.00	.00	.00	.01	.00	.01	.009	21	.06
3	.01	.00	.00	.00	.00	.02	.06	.08	.05	.04	.02	.00	.00	.01		.00	.00	.00	.00	.00	.00	.03	.05	.07	.019	23	.09
4	.10	.13	.09	.07	.05	.05	.09	.12	.02	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.04	.07	.13	.12	.047	23	.16
5	.07	.03	.02	.01	.00	.00	.02	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.007	23	.09
6*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.03	.03	.04	.01	.006	23	.04
7*	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.02
8	.00	.00	.00	.00	.00	.00	.02	.03	.01	.00				.00		.00	.00	.01	.00	.00	.01	.01	.01	.01	.005	20	.04
9	.01	.02	.01	.10	.09	.08	.10	.04		.00	.00	.01	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.021	22	.14
10	.00	.00	.00	.00	.00	.01	.03	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.03
11	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.04	.06	.08	.009	23	.12
12	.16	.14	.10	.12	.06	.12	.14	.07	.03	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.041	23	.19
13*	.02	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.01	.01	.02	.003	23	.04
14*	.02	.02	.01	.01	.02	.02	.02	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.02	.03	.02	.009	23	.03
15	.01	.03	.03	.03	.04	.06	.12	.07	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.01	.02	.01	.019	23	.14
16	.00	.00	.00	.00	.00	.00	.01	.01			.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.001	20	.01
17	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.09	.22	.22	.025	23	.26
18	.18	.20	.34	.26	.23	.36	.34	.17	.03	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.091	23	.41
19	.00	.00	.00	.00	.00	.01	.04	.04	.01	.01	.00	.00	.00	.00		.01									.008	15	.05
20*																											
21*																											
22											.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	13	.00
23	.00	.00	.00	.00	.00	.00	.00						.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	16	.01
24	.00	.00	.00	.00	.00	.01	.03	.02	.01	.02	.01	.00	.00	.00		.02	.03	.00	.00	.01	.01	.01	.01	.02	.009	23	.08
25	.03	.02	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.02	.06	.04	.02	.010	23	.06
26	.03	.08	.08	.06	.10	.11	.06	.03	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.00	.00	.024	23	.12
27*	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.01	.04	.01	.004	23	.06
28*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.03	.03	.05	.03	.006	23	.09
29	.02	.04	.01	.00	.00	.03	.05	.07	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.010	23	.09
30	.00	.00	.00	.00	.00	.01	.04	.08	.01	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.01	.00	.007	22	.10
MEAN	.03	.03	.03	.02	.02	.03	.05	.04	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.02	.03	.02	.015		
NO	27	27	27	27	27	27	27	26	24	24	25	26	26	27		26	27	27	27	27	27	27	27	27		609	
MAX	.18	.20	.34	.26	.23	.36	.34	.17	.05	.04	.02	.01	.01	.01		.02	.03	.01	.01	.01	.04	.09	.22	.22	.091		.41

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-355.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.02	.00	.00	.01	.02	.04	.06	.02	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.007	23	.08
2	.00	.00	.00	.00	.00	.00	.03	.03	.01	.00	.00	.00	.00	.00		.00	.03	.01	.01	.00	.00	.01	.01	.02	.006	23	.07
3	.01	.00	.00	.01	.00	.01	.02	.02	.01	.01	.00	.01	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.03
4*	.00	.01	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	22	.01
5*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.02	.05	.04	.01	.005	23	.06
6	.00	.00	.00	.00	.00	.02	.04	.03	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.02	.04	.01	.01	.008	23	.06
7	.00	.00	.00	.00	.00	.02	.04	.04	.01	.00	.01	.01	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.006	22	.06
8	.00	.00	.00	.00	.00	.00	.02	.03	.01	.00	.00	.02	.02	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.05
9	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.001	23	.02
10	.00	.00	.00	.00	.01	.03	.04	.03	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.005	23	.05
11*																											
12*																											
13																											
14																											
15											.01	.00	.00	.00		.00	.00	.00	.00	.01	.01	.02	.02	.02	.007	13	.03
16	.02	.01	.02	.02	.03	.05	.07	.03	.01	.01	.00	.00	.00	.00		.00	.01	.00	.00	.00	.00	.01	.03	.01	.014	23	.09
17	.02	.06	.10	.10	.13	.08	.09	.05	.01	.00	.00	.00	.00	.00		.00	.00	.01	.00	.00	.00	.00	.01	.01	.029	23	.15
18*	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.03	.02	.02	.012	23	.04
19*	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.01		.01	.01	.01	.01	.01	.02	.02	.02	.02	.009	23	.03
20	.02	.02	.02	.02	.02	.04	.05	.05	.02	.01	.01	.01	.01	.00		.02	.06	.05	.02	.04	.04	.04	.04	.03	.026	23	.09
21																											
22																											
23																											
24								.01	.01	.01	.00	.00	.00	.00		.00	.01	.00	.00	.00	.00	.00	.00	.00	.003	16	.02
25*	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.02	.01	.01	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.02
26*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.01	.01	.001	23	.02
27																											
28																											
29																											
30																											
31	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.02	.01	.002	23	.04
MEAN	.01	.01	.01	.01	.01	.02	.03	.02	.01	.00	.00	.00	.00	.00		.00	.01	.00	.00	.00	.01	.01	.01	.01	.008		
NO.	18	18	18	18	18	18	18	19	19	18	20	20	20	20		19	20	20	20	20	20	20	20	20		441	
MAX.	.02	.06	.10	.10	.13	.08	.09	.05	.02	.01	.02	.02	.02	.01		.02	.06	.05	.02	.04	.04	.05	.04	.03	.029		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-356.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
AUG. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.02
2*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
3	.00	.00	.00	.00	.00	.00	.02	.02	.02	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.03
4	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.02
5	.00	.00	.00	.00	.00	.01	.02	.03	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.02	.03	.005	23	.04
6	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00		.00	.00	.00		.00	.00	.00	.00	.01	.05	.09	.13	.18	.021	22	.19
7	.09	.05	.07	.13	.20	.20	.15	.13	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.045	23	.23
8*	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.01	.01	.01		.02	.01	.01	.01	.01	.01	.01	.01	.00	.006	23	.02
9*																											
10								.04	.03	.02	.03	.02	.02	.01		.02	.02	.01	.01	.01	.01	.02	.01	.01	.017	16	.08
11	.01	.00	.00	.00	.00	.01	.03			.02	.02	.02		.02			.02	.01	.01	.01	.01	.02	.01	.01	.011	19	.03
12																											
13																											
14	.00	.00	.00	.00	.00	.00	.02	.02	.01	.00	.00	.01	.00	.00		.01	.01	.01	.01	.02	.04	.06	.07	.06	.015	23	.08
15*	.05	.04	.04	.04	.03	.03	.05	.07	.02	.02	.00	.00	.00	.00		.01	.01	.01	.01	.01	.02	.02	.01	.01	.021	23	.09
16*	.02	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01		.01	.01	.01	.02	.02	.03	.02	.02	.01	.014	23	.03
17	.01	.01	.01	.01	.01	.02	.03	.04	.02	.01	.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.01	.01	.014	23	.04
18	.01	.01	.01	.01	.01	.03	.09	.11	.07	.03	.02		.00	.00			.00	.00	.00	.00	.01	.00	.01	.00	.019	21	.17
19	.00	.00	.00	.00	.00	.00	.02	.01		.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.02	.04	.06	.09	.011	22	.10
20	.07	.07	.12	.20	.19	.15	.13	.11	.05	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.048	23	.21
21	.00	.00	.00	.00	.00	.02	.04	.04	.03	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.01	.006	22	.06
22*	.02	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.01	.02	.01	.006	23	.02
23*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.01		.01	.00	.00	.00	.00	.01	.01	.01	.00	.006	23	.02
24	.00	.01	.00	.00	.00	.00	.03	.02	.01	.00	.00	.00	.00	.00		.00	.01	.01	.01	.01	.01	.01	.01	.01	.007	23	.03
25	.01	.01	.00	.00	.00	.01	.03	.03	.02	.01	.03	.00	.00	.00			.00	.00	.00	.00	.01	.01	.01	.00	.008	22	.07
26	.00	.00	.00	.00	.00	.00	.03	.04	.02	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.06
27	.01	.01	.01	.01	.01	.02	.04	.04	.02	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.007	23	.05
28	.00	.00	.00	.00	.00	.01	.01	.03	.03	.02	.01	.01	.00	.00		.00	.00	.00	.00	.01	.01	.02	.02	.02	.008	23	.03
29*	.02	.01	.01	.01	.00	.01	.01	.02	.02	.01	.00	.00	.00	.00		.00	.00	.00	.01	.00	.01	.01	.01	.01	.008	23	.03
30*	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.00	.00	.00	.00		.00	.02	.03	.06	.06	.05	.04	.04	.02	.018	23	.07
31	.02	.01	.00	.01	.01	.02	.06	.04	.02	.02	.00	.00	.00	.01			.01	.01	.01	.01	.02	.02	.02	.02	.015	22	.07
MEAN	.01	.01	.01	.02	.02	.02	.03	.03	.02	.01	.01	.00	.00	.00		.00	.00	.00	.01	.01	.01	.02	.02	.02	.012		
NO	27	27	27	27	27	27	27	27	26	28	27	27	27	27		24	28	28	28	28	28	28	28	28		626	
MAX	.09	.07	.12	.20	.20	.20	.15	.13	.07	.03	.03	.02	.02	.02		.02	.02	.03	.06	.06	.05	.09	.13	.18	.048		.23

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-357.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.04	.05	.06	.03	.00	.00	.02	.02	.01	.01	.00	.00	.00	.00		.00	.00	.00	.01	.01	.01	.00	.00	.00	.012	23	.07
2	.00	.00	.00	.00	.00	.01	.05	.04	.02	.01	.00	.00	.00	.00		.01	.00	.00	.00	.02	.03	.04	.06	.14	.018	23	.16
3	.13	.07	.02	.03	.02	.04	.11	.08	.02	.00	.00	.00	.00	.00		.00	.00	.00	.01	.06	.12	.11	.08	.04	.040	23	.16
4	.02	.01	.01	.00	.00	.02	.05	.06	.04	.01	.01	.01	.00	.00		.00	.00	.00	.01	.01	.01	.01	.00	.01	.013	23	.07
5*	.01	.00	.00	.01	.01	.01	.02	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.03
6*	.00	.00	.00	.00	.00	.00		.02	.01	.01	.01	.00	.00	.00		.00	.00	.00	.01	.01	.02	.02	.02	.04	.007	22	.05
7	.02	.07	.09	.07	.07	.11	.14	.13	.06	.02	.01	.00	.00	.00		.00	.00	.00	.01	.01	.01	.01	.01	.01	.036	23	.17
8	.01	.01	.01	.01	.01	.01	.12	.10	.05	.04	.02	.01	.00	.00		.00	.01	.01	.00	.01	.01	.01	.02	.01	.021	23	.16
9	.01	.00	.01	.01	.01	.03	.08	.10	.06	.01	.03	.02	.01	.01		.01	.01	.01	.01	.02	.03			.03	.023	21	.12
10	.02	.01	.01	.01	.01	.02	.04	.05	.05	.05				.01		.01	.02	.01	.02	.01	.02	.02	.02	.02	.022	20	.08
11	.02	.02	.01	.01	.01	.02	.05	.05	.02	.01	.00	.01	.00	.00		.01	.01	.01	.01	.02	.02	.02	.02	.01	.016	23	.06
12*	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.02	.03	.03	.03	.02	.01	.01	.010	23	.04
13*	.01	.01	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.03		.02	.02	.02	.03	.04	.04	.03	.02	.01	.015	23	.04
14	.01	.00	.00	.00	.00	.01	.06	.06	.04	.01	.01	.01	.00	.00		.01	.01	.01	.02	.09	.10	.05	.05	.05	.026	23	.12
15	.05	.03	.05	.05	.02	.05	.15	.14	.07	.01	.00	.00	.00	.00		.00	.01	.01	.01	.09	.11	.10	.13	.07	.050	23	.17
16	.04	.03	.02	.02	.02	.03	.06	.07	.05	.02	.01	.00	.00	.00		.01	.01	.01	.01	.01	.01	.01	.01	.01	.020	23	.08
17	.01	.01	.01	.01	.01	.01	.05	.06	.02	.01	.00	.00	.00	.01		.01	.02	.01	.01	.01	.01	.01	.01	.01	.013	23	.07
18	.01	.01	.01	.01	.01	.01	.04	.06	.04	.03	.02	.01	.01	.00		.01	.02	.02	.01	.02	.02	.02	.02	.01	.017	23	.07
19*	.02	.02	.02	.01	.01	.01	.03	.03	.02	.01	.01	.01	.01	.01		.00	.01	.01	.01	.01	.01	.01	.01	.01	.012	23	.04
20*	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.02	.01	.01	.01	.01	.008	23	.02
21	.01	.01	.00	.01	.01	.02	.03	.04	.04	.02		.02	.01	.01		.01	.01	.01	.01	.02	.03	.02	.02	.02	.016	22	.04
22	.01	.01	.01	.01	.01	.01	.03	.06	.04			.00	.00	.00			.01	.01	.01	.01	.02	.03	.03	.02	.017	20	.08
23	.02	.01	.01	.00	.00	.02	.05	.08	.02	.00	.00	.00	.00	.00		.00	.01	.01	.02	.03	.05	.04	.02	.01	.018	23	.11
24	.00	.00	.00	.00	.00	.03	.09	.15	.10	.02	.01	.01	.00	.00		.01	.01	.01	.01	.01	.01	.01	.00	.00	.021	23	.19
25	.00	.00	.00	.00	.00	.01	.06	.09	.05	.01	.00	.00	.00	.00		.00	.00	.00	.01	.02	.05	.11	.17	.26	.036	23	.31
26*																											
27*																											
28	.01	.01	.00	.00	.00	.00	.01	.02	.03	.02	.01	.03	.03	.03		.05	.05	.04	.04	.05	.04	.04	.04	.03	.025	23	.06
29	.02	.02	.02	.02	.03	.04	.06	.09	.09	.07	.10	.08	.07	.06		.08	.11	.13	.09	.13	.11	.09	.07	.06	.071	23	.15
30	.05	.04	.03	.03	.03	.04	.06	.07	.06	.04	.03	.03	.01			.03	.04	.04	.04	.06	.06	.06	.06	.05	.043	22	.08
MEAN	.02	.02	.01	.01	.01	.02	.05	.06	.04	.02	.01	.01	.01	.01		.01	.01	.01	.02	.03	.04	.03	.03	.03	.022		
NO.	28	28	28	28	28	28	27	28	28	27	25	27	27	27		27	28	28	28	28	28	27	27	28		633	
MAX.	.13	.07	.09	.07	.07	.11	.15	.15	.10	.07	.10	.08	.07	.06		.08	.11	.13	.09	.13	.12	.11	.17	.26	.071		.31

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-358.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
OCT. 1964

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.04	.04	.03	.03	.03	.04	.08	.10	.07	.04	.01	.00	.00	.01		.01	.02	.02	.01	.01	.01	.01	.01	.01	.027	23	.11
2	.01	.01	.01	.01	.00	.01	.04	.06	.04	.04	.06	.07	.06	.06			.05	.04	.03	.03	.03	.03	.02	.02	.032	22	.07
3*	.01	.01	.00	.00	.00	.00	.01	.03	.02	.01	.00	.00	.00	.00		.00	.00	.01	.02	.04	.03	.02	.02	.02	.010	23	.06
4*	.02	.02	.01	.01	.00	.00	.01	.01	.02	.02	.03	.02	.02	.02			.04	.05	.12	.13	.08	.04	.03	.02	.032	22	.15
5	.01	.01	.00	.00	.00	.01	.03	.06	.05	.03	.02	.01	.01	.01			.03	.03	.05	.09	.11	.12	.14	.10	.041	22	.14
6	.07	.04	.03	.04	.03	.04	.08	.10	.05	.02	.01	.00	.00	.00		.00	.01	.01	.04	.04	.05	.05	.05	.03	.034	23	.11
7	.02	.01	.00	.00	.00	.01	.04	.05	.03	.01	.00	.00	.00	.00		.00	.01	.01	.02	.04	.06	.15	.24	.19	.038	23	.24
8	.30	.32	.27	.25	.19	.16	.14	.14	.12	.10	.05	.01		.00		.01	.02	.02	.03	.03	.03	.03	.04	.03	.103	22	.33
9	.02	.02	.07	.12	.13	.13	.21	.23	.23	.06	.04	.01	.01	.01		.01	.01	.01	.04	.02	.01	.02	.01	.01	.062	23	.27
10*	.01	.01	.01	.00	.00	.00	.01	.02	.02	.02	.02	.02	.01	.01		.01	.01	.01	.01	.02	.02	.01	.01	.01	.012	23	.02
11*	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00		.00	.00	.01	.04	.11	.16	.21	.23	.21	.044	23	.24
12	.14	.11	.11	.09	.07	.10	.14	.14	.08	.04	.02	.02	.01	.00		.00	.02	.03	.04	.06	.05	.05	.09	.11	.067	23	.17
13	.12	.10	.08	.06	.05	.09	.21	.21	.25	.17	.10	.03	.00	.00			.00	.01	.08	.15	.13	.20	.25	.25	.115	22	.27
14	.25	.20	.09	.05	.03	.04	.09	.12	.07	.00	.00	.00	.00	.00		.00	.01	.03	.12	.17	.19	.14	.20	.20	.087	23	.26
15	.32	.30	.35	.34	.39	.39	.44	.59	.65	.36	.17	.07			.00	.00	.01	.02	.08	.07	.14	.16	.26	.28	.243	22	.69
16	.15	.11	.07	.04	.02	.04	.05	.09	.07	.02	.01	.00	.00	.00		.03	.04	.03	.03	.01	.01	.01	.01	.01	.036	23	.24
17*	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.03	.02	.02	.02			.01	.01	.01	.01	.01	.01	.01	.00	.010	22	.03
18*	.00	.00	.01	.01	.00	.01	.02	.02	.01	.01	.00	.00	.00	.00		.00	.00	.02	.09	.10	.11	.15	.18	.14	.038	23	.19
19	.11	.09	.08	.08	.05	.04	.02	.01	.00	.00	.00	.01	.02	.02		.04	.05	.05	.03	.03	.05	.04	.03	.02	.037	23	.13
20	.01	.01	.01	.00	.00	.02	.05	.07	.08	.07	.05	.04	.02	.02			.03	.03	.04	.06	.07	.06	.03	.02	.035	22	.08
21	.01	.00	.00	.00	.00	.00	.05	.10	.13	.06	.02	.00	.00				.01	.01	.00	.00	.01	.01	.00	.00	.020	21	.17
22	.00	.00	.01	.02	.05	.05	.06	.05	.03	.01	.01	.00	.00	.00		.00	.01	.01	.03	.04	.04	.03	.03	.04	.022	23	.06
23	.05	.06	.04	.04	.03	.05	.12	.16	.09	.04	.02	.01	.01	.01			.02	.03	.04	.07	.08	.10		.08	.054	21	.17
24*																											
25*	.12	.20	.24	.16	.14	.12	.11	.11	.12	.09	.06	.03	.01	.00		.00	.00	.01	.05	.10	.10	.08	.06	.05	.084	23	.28
26	.04	.04	.08	.08	.07	.06	.10	.18	.34	.20	.09	.03	.01	.00		.00	.01	.07	.20	.24	.24	.26	.36	.37	.133	23	.39
27	.28	.24	.18	.16	.13	.11	.12	.15	.20	.17	.11		.01	.00		.01	.01	.03	.06	.05	.04	.05	.06	.06	.101	22	.33
28	.06	.06	.04	.04	.06	.15	.16	.13	.13	.07	.04	.02	.01	.00		.00	.00	.02	.03	.03	.03	.03	.03	.02	.051	23	.18
29	.02	.01	.01	.01	.01	.01	.02	.05	.07	.08	.06	.04	.03	.01		.00	.02	.04	.05	.10	.18	.25	.33	.32	.074	23	.36
30	.28	.26	.17	.11	.06	.03	.04	.05	.04			.01	.00	.00		.00	.01	.04	.06	.09	.10	.12	.15	.12	.082	21	.29
31*	.09	.09	.11	.11	.07	.05	.06	.13	.08	.04	.02	.01	.00	.00			.00	.01	.03	.03	.10	.15	.22	.27	.075	22	.28
MEAN	.08	.08	.07	.06	.05	.06	.08	.11	.10	.06	.04	.02	.01	.01		.01	.01	.02	.05	.06	.07	.08	.11	.10	.060		
NO.	30	30	30	30	30	30	30	30	30	29	29	29	28	28	1	21	30	30	30	30	30	30	29	30		674	
MAX.	.32	.32	.35	.34	.39	.39	.44	.59	.65	.36	.17	.07	.06	.06	.00	.04	.05	.07	.20	.24	.24	.26	.36	.37	.243		.69

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-359.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	.34	.36	.37	.38	.36	.29	.29	.28	.18	.11	.02	.01	.00	.00		.00	.00	.00	.00	.00	.00	.08	.12	.13	.143	23	.39
2	.10	.11	.18	.16	.18	.18	.18	.23	.40	.32	.03	.00	.00	.00		.00	.00	.01	.04	.06	.09	.06	.07	.07	.107	23	.42
3	.05	.05	.03	.03	.03	.03	.06	.06	.04	.03	.03					.00	.00	.02	.06	.14	.21	.28	.35	.38	.093	20	.40
4	.36	.35	.23	.17	.08	.06	.07	.11	.07	.05	.03	.01	.00	.00		.00	.00	.04	.14	.13	.11	.16	.25	.29	.116	23	.39
5	.28	.23	.15	.09	.06	.06	.07	.10	.10	.10	.06	.04	.01	.00		.00	.00	.01	.01	.00	.00	.00	.00	.00	.059	23	.29
6	.00	.00	.00	.00	.00	.00	.00	.02	.02	.01	.00	.00	.00	.00		.00	.01	.03	.04	.04	.04	.04	.05	.07	.015	23	.08
7*	.06	.05	.07	.08	.08	.05	.05	.06	.06	.04	.03	.00	.00	.00		.00	.01	.05	.14	.19	.29	.23	.27	.26	.090	23	.41
8*	.22	.20	.17	.17	.16	.13	.23	.32	.28	.19	.12	.05	.02	.00		.00	.01	.04	.05	.10	.16	.17	.32	.24	.145	23	.43
9	.40	.26	.13	.02	.01	.01	.03	.08	.07	.03	.01	.00	.00	.00		.00	.00	.05	.08	.10	.12	.22	.24	.16	.086	23	.43
10	.14	.03	.03	.05	.07	.07	.09	.19	.26	.15		.00	.00	.00			.01	.08	.18	.10	.13	.06	.07	.04	.084	21	.28
11	.03	.05	.04	.04	.03	.03	.03	.04	.05	.04	.02	.02	.02	.01		.00	.00	.05	.09	.09	.02	.01	.05	.02	.033	23	.12
12	.02	.01	.03	.10	.15	.14	.16	.31	.15	.06	.02	.02	.00	.00		.00	.01	.06	.03	.00	.00	.00	.00	.00	.055	23	.37
13	.00	.00	.00	.00	.00	.00	.00	.03	.04	.06	.04	.03	.01	.00		.00	.01	.03	.02	.01	.01	.01	.00	.00	.012	23	.07
14*	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00		.00	.00	.03	.12	.22	.19	.27	.29	.31	.063	23	.32
15*	.28	.22	.20	.41	.41	.29	.18	.13	.07	.03	.02	.01	.00		.00	.00	.02	.12	.27	.40	.50			.01	.170	21	.53
16	.00	.00	.00	.00	.00	.00	.00	.02	.04	.05	.06	.05	.04	.04			.12	.30	.18	.16	.05				.058	19	.35
17																											
18	.10	.05	.01	.00	.00	.00	.00	.03	.05	.03	.01	.01	.00	.00		.00	.00	.01	.03	.04	.02	.03	.03	.01	.020	23	.13
19	.02	.02	.00	.00	.00	.00	.00	.00	.02	.02	.01	.01	.01	.01		.01	.04	.09	.04	.03	.03	.01	.02	.00	.017	23	.10
20	.01	.01	.00	.00	.00	.00	.01	.02	.03	.02			.01	.02		.02	.04	.06	.08	.17	.12	.14	.10	.09	.043	21	.18
21*	.08	.06	.06	.05	.06	.06	.08	.05	.03	.02	.01	.01	.01	.01		.01	.02	.02	.01	.01	.01	.01	.01	.01	.030	23	.10
22*	.01	.01	.00	.00	.00	.01	.01	.02	.02	.01	.02	.01	.01	.00		.03	.03	.04	.08	.12	.26	.18	.12	.18	.050	23	.32
23	.38	.36	.39	.40	.33	.26	.27	.33	.27	.18	.10	.04	.02	.01		.01	.04	.09	.10	.07	.06	.05	.06	.08	.168	23	.44
24	.08	.06	.08	.15	.38	.38	.29	.31	.30	.20	.12	.13	.04	.00	.00			.07	.05	.02	.02	.02	.00	.03	.123	22	.45
25	.04	.02	.01	.01	.00	.00	.01	.04	.06	.05	.04	.02	.01	.02			.03	.02	.01	.03	.01	.01	.02	.01	.021	22	.08
26	.01	.01	.00	.00	.00	.00	.00	.00	.02	.01	.01	.00	.00	.00		.00	.01	.04	.05	.05	.07	.15	.17	.03	.027	23	.24
27	.03	.00	.00	.00	.00	.00	.04	.10	.09	.07	.01	.00	.00	.00		.00	.02	.04	.04	.06	.11	.10	.10	.11	.039	23	.13
28*	.05	.06	.09	.04	.04	.04	.04	.08	.08	.06	.03	.00	.00	.00		.03	.05	.06	.10	.11	.07	.06	.06	.06	.051	23	.12
29*	.06	.02	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00		.00	.00	.03	.03	.03	.03	.02	.03	.04	.014	23	.07
30	.05	.03	.00	.00	.00	.00	.00	.03	.05	.04	.03	.02	.03	.02		.01	.02	.03	.03	.01	.01	.00	.00	.00	.017	23	.07
MEAN	.11	.09	.08	.08	.08	.07	.07	.10	.10	.07	.03	.02	.01	.01		.00	.02	.05	.07	.09	.09	.09	.10	.09	.067		
NO.	29	29	29	29	29	29	29	29	29	29	27	27	28	27	2	25	28	29	29	29	29	27	27	28		652	
MAX	.40	.36	.39	.41	.41	.38	.29	.33	.40	.32	.12	.13	.04	.04	.00	.03	.12	.30	.27	.40	.50	.28	.35	.38	.170		.53

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-360.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

NITRIC OXIDE
DEC. 1964

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.00	.00	.00	.00	.00	.00	.00	.01			.01	.00	.00	.00			.02	.05	.03	.01	.01	.01	.01	.00	.008	20	.05
2	.00	.00	.00	.00	.00	.01	.03	.05	.07	.05	.03			.03			.06	.10	.07	.15	.13	.12	.07	.02	.049	20	.16
3	.01	.00	.00	.00	.00	.00	.00	.04	.08	.04	.03	.02	.03	.03			.14	.17	.15	.12	.10	.07	.06	.07	.052	22	.19
4	.08	.06	.05	.05	.03	.04	.04	.06	.08	.12	.16	.23	.06	.00		.02	.25	.38	.39	.31	.13	.08	.13	.15	.126	23	.45
5*	.12	.14	.10	.05	.03	.01	.00	.02	.05	.05	.07	.07	.09	.06		.04	.07	.08	.10	.08	.07	.03	.02	.03	.060	23	.15
6*	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01		.00	.01	.01	.01	.02	.01	.01	.01	.00	.005	23	.02
7	.00	.00	.00	.00	.00	.00	.02	.04	.04	.04	.01	.00	.00	.01		.02	.03	.04	.04	.02	.03	.09	.26	.20	.038	23	.29
8	.06	.03	.03	.04	.02	.05	.11	.11	.08	.04							.01	.02	.02	.02	.02	.01	.01	.01	.039	18	.12
9	.01	.01	.01	.01	.01	.00	.01	.02	.05	.06	.03	.01	.01	.01			.01	.03	.05	.07	.08	.10	.11	.11	.036	22	.12
10	.10	.08	.07	.06	.06	.07	.12	.17	.27	.19	.10	.04	.02	.01			.02	.06	.08	.09	.08	.09	.07	.05	.086	22	.30
11	.03	.01						.01	.05	.05	.04	.03	.03	.03			.01	.06	.11	.05	.06	.06	.07	.05	.043	17	.13
12*	.03	.02	.02	.01	.00	.00	.04	.10	.13	.12	.14	.07	.10	.11	.05			.00	.02	.09	.26	.40	.34	.31	.107	22	.46
13*	.27	.32	.33	.25	.20	.19	.17	.08	.06	.15	17	.07	.04	.02	.01		.00	.00	.01	.01	.01	.01	.00		.107	22	.34
14											.00	.00	.00	.00	.00		.01	.05	.07	.06	.06	.05	.02	.01	.025	13	.08
15										.01	.00	.00	.00	.00			.01	.03	.02	.02	.01	.02	.02	.02	.012	13	.04
16	.01	.03	.03	.04	.04	.04	.04	.06	.09	.08	.05	.02	.01	.01		.00	.03	.07	.06	.05	.04	.03	.01	.00	.036	23	.11
17	.00	.00	.00	.00	.00	.00	.00	.03	.07	.06	.02	.01	.01	.01	.01	.02	.04	.10	.13	.08	.06	.02	.01	.01	.029	24	.17
18	.01	.00						.01	.01			.00	.00	.01			.02	.03	.03	.03	.02	.03	.03	.03	.016	15	.04
19*	.02	.00	.00	.00	.00	.00	.00	.01	.01	.02	.03	.04	.02	.01			.01	.02	.02	.01	.01	.01	.01	.01	.012	22	.04
20*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01		.00	.00	.01	.02	.02	.02	.03	.01	.006	23	.09
21	.00	.00	.00	.00	.00	.00	.03	.07	.11	.11	.04	.01	.01	.01		.00	.01	.03	.03	.02	.02	.02	.01	.01	.023	23	.12
22	.02	.01	.01	.00	.00	.00	.01	.05	.10	.13	.05	.02	.01	.00	.00		.05	.07	.09	.07	.07	.08	.09	.07	.042	23	.15
23	.03	.02	.01	.01	.00	.00	.01	.03	.07	.06	.03	.02	.02	.02		.03	.04	.05	.04	.04	.05	.05	.06	.06	.031	23	.11
24	.09	.05	.03	.03	.03	.04	.04	.03	.05	.04	.01	.01	.02	.02		.04	.07	.11	.14	.16	.12	.14	.18	.17	.071	23	.20
25	.18	.21	.25	.15	.04										.00	.00	.01	.05	.12	.09	.13	.19	.11	.23	.118	15	.26
26*	.14	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.02	.07	.03	.09	.08	.021	24	.25
27*	.05	.02	.00	.00	.00	.00	.00	.03	.03	.04	.01	.01	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.008	23	.07
28	.00	.00	.00	.00	.00	.00	.00	.03	.03	.01	.00	.01	.00	.00		.00	.02	.04	.03	.04	.04	.03	.04	.04	.015	23	.06
29	.02	.00	.00	.00	.00	.00	.00	.01	.05	.05	.03	.02	.02	.02			.04	.05	.05	.04	.03	.02	.01	.00	.021	22	.06
30								.02	.05	.03			.02	.01			.07	.06	.10	.29	.57	.37	.23	.12	.148	13	.60
31	.04	.01						.03	.03	.00	.00	.00	.00	.00			.01	.03	.02	.01	.01	.01	.03	.02	.014	17	.05
MEAN	.05	.04	.04	.03	.02	.02	.03	.04	.06	.06	.04	.03	.02	.01			.04	.06	.06	.07	.08	.07	.07	.06	.044		
NO.	28	28	25	25	25	24	24	28	27	27	27	27	28	29	8	13	30	31	31	31	31	31	31	30		639	
MAX.	.27	.32	.33	.25	.20	.19	.17	.17	.27	.19	.17	.23	.10	.11	.05	.04	.25	.38	.39	.31	.57	.40	.34	.31	.148		.60

TABULATED WED., AUG. 30, 1967

* Indicates Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-361.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	.04	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.02	.02	.03		.02	.02	.03	.02	.02	.02	.02	.02	.01	.025	23	.05
2	.01	.02	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03	.05	.04		.03	.07	.07	.06	.06	.06	.05	.05	.04	.040	23	.07
3	.04	.04	.03	.03	.04	.03	.03	.03	.03		.06	.06	.06	.06								.23	.19	.17	.069	16	.24
4*																											
5*																											
6																											
7	.05	.05	.05	.05	.04	.04	.04	.04	.04	.03	.04	.04	.04	.03			.05	.05	.06	.06					.043	18	.07
8	.05	.05	.05	.05	.04	.05	.05	.05	.04	.04	.05	.05	.05	.04		.03	.05	.05	.05	.05	.05	.06	.05	.05	.047	23	.06
9	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.05	.04	.05		.03	.06	.05	.05						.042	18	.06
10																											
11*	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03		.02	.04	.04	.04	.04	.05	.05	.04	.04	.030	23	.05
12*	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.02	.029	23	.05
13	.02	.02	.02	.02	.02	.02	.02			.02	.03	.04	.04	.03		.03	.03	.03	.03	.03	.02	.02	.02	.02	.025	21	.04
14	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03			.04	.03	.03	.03	.03	.03	.03	.03	.021	22	.05
15	.03	.03	.03	.03						.05	.05	.06	.06		.02	.06	.07	.06	.06	.05	.05	.06	.06	.05	.048	18	.07
16	.05	.05	.05	.05	.04	.04	.05	.04	.05	.05	.06	.08	.07	.06		.06	.07	.06	.06	.06	.05	.05	.05	.05	.053	23	.08
17	.05	.05	.05	.05	.04	.04	.04	.04	.05	.06	.05	.05	.05	.04		.03	.05	.06	.06	.06	.07	.07	.08	.07	.052	23	.10
18*	.07	.07	.06	.06	.06	.08	.09	.09	.08	.09	.08	.07	.06	.06	.07	.07	.07		.05	.06	.07	.07	.10	.14	.074	23	.14
19*	.13	.14	.15	.14	.12	.11	.13	.17	.15	.14	.12	.08	.07	.05	.05	.06	.08	.09	.10	.10		.05	.06	.07	.102	23	.18
20	.05	.04	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03			.03	.04	.04	.04	.03	.03	.03	.03	.030	22	.05
21	.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.04	.03	.02		.01	.06	.07	.08	.08	.06	.04	.03	.02	.032	23	.09
22	.02	.02	.04	.04	.05	.05	.05	.06	.08	.07	.06	.04	.04	.06		.06	.08	.08				.06	.06	.06	.054	20	.10
23	.06	.06	.06	.06	.05	.05	.05	.04	.05										.07	.07	.07	.07	.07	.06	.058	15	.08
24	.05	.05	.05	.05	.04	.04	.03	.03	.04	.05	.06	.07	.07	.04		.04	.05	.06	.06	.06	.06	.05	.05	.04	.049	23	.08
25*	.04	.04	.04	.03	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03		.01	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.04
26*	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02		.00	.02	.02	.03	.03	.03	.03	.03	.02	.020	23	.03
27	.02	.02	.03	.03	.03	.03	.02	.02	.02	.04	.08	.04	.03			.02	.04	.04	.03	.04	.04	.05	.05	.05	.035	22	.10
28	.05	.04	.04	.04	.04	.03	.03	.03	.03	.02	.02	.03	.03	.03			.04	.05	.05	.05	.05	.04	.04	.04	.036	22	.05
29	.04	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03	.03	.03		.02	.06	.06	.06	.06	.05	.05	.05	.05	.040	23	.07
30	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.05	.04	.04	.04		.03	.06	.06	.06	.06	.06	.06	.06	.06	.051	23	.06
31	.06	.05	.05	.06	.06	.06	.07	.06	.06	.05	.06		.04	.03			.05	.04	.04	.04	.04	.04	.04	.03	.049	21	.07
MEAN	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04		.03	.05	.05	.05	.05	.05	.05	.05	.05	.043		
NO	27	27	27	27	26	26	26	25	25	25	26	25	26	24	3	20	25	24	25	24	22	25	25	25		580	
MAX	.13	.14	.15	.14	.12	.11	.13	.17	.15	.14	.12	.08	.07	.06	.07	.07	.08	.09	.10	.10	.07	.23	.19	.17	.102		.24

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-362.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
FEB. 1964

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.04	.04	.03	.04	.04	.03	.03	.04	.03	.03	.04	.04	.04	.05		.01	.04	.04	.04	.04	.04	.03	.03	.03	.035	23	.05
2*	.03	.03	.03	.02	.02	.02	.02	.03	.03	.02	.02	.02	.03	.03		.02	.01	.03	.03	.03	.03	.04	.04	.04	.026	23	.04
3	.03	.03	.03	.03	.03	.02	.03	.03	.04	.04	.05	.06	.05	.05		.04	.05	.04	.05	.05	.05	.05	.05	.05	.041	23	.06
4	.05	.06	.06	.05	.05	.04	.05	.04	.05	.04	.04	.04	.05	.07			.06	.07	.07	.07	.07	.07	.07	.07	.055	22	.10
5	.07	.06	.06	.06	.06	.06	.06	.07	.07	.10	.08	.06	.06	.04			.06	.07	.08	.07	.07	.07	.06	.06	.064	22	.12
6	.06	.04	.04	.04	.03	.03	.03	.03	.02								.03	.04	.04	.04		.04	.04	.04	.038	16	.06
7	.04	.04	.04	.04	.04	.03	.04	.05	.05	.06	.06	.06	.04	.04		.04	.05	.06	.06	.04	.03	.04	.03	.03	.043	23	.07
8*	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.02	.03	.03	.03		.03	.03	.04	.04	.04	.04	.03	.03	.03	.029	23	.04
9*	.03	.03	.04	.04	.04	.04	.03	.04	.04	.03	.03	.03	.03	.04		.02	.03	.05	.05	.05	.06	.05	.05	.05	.038	23	.06
10	.05	.04	.04	.04	.04	.03	.03	.03	.04	.05	.05	.06	.05	.05		.04	.06	.06	.07	.07	.06	.05	.05	.05	.047	23	.07
11	.05	.04	.04	.04	.04	.05	.05	.05	.04	.04	.04	.05	.04	.04			.05	.05	.06	.06	.05	.05	.05	.05	.046	22	.06
12	.04	.04	.03	.04	.04	.04	.04	.05	.05				.03	.04			.07		.06	.06	.06	.06			.047	16	.08
13	.05	.05	.04	.04	.03	.03	.03	.03	.05	.05	.04	.05	.04	.05		.04	.05	.06	.05	.05	.05	.04	.04	.04	.043	23	.06
14	.04	.03	.04	.03	.02	.02	.02	.03	.02	.02	.02	.03	.03	.03		.03	.04	.04	.05	.05	.05	.04	.04	.04	.032	23	.05
15*	.03	.04	.04	.05	.05	.05	.05	.04	.03	.03	.03	.03	.03	.04		.03	.04	.04	.04	.04	.04	.04	.04	.03	.038	23	.05
16*	.03	.04	.03	.03	.03	.03	.03	.03	.03	.02	.03	.03	.02	.02		.01	.03	.03	.04	.04	.03	.03	.03	.02	.028	23	.04
17	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03		.03	.05	.05	.05	.05	.05	.04	.03	.03	.025	23	.06
18	.03	.02	.02	.02	.01	.03	.03	.02									.05	.04	.04	.04	.03	.03	.03	.03	.029	16	.05
19	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.05		.04	.07	.07	.06	.06	.05	.06	.05	.04	.044	23	.07
20	.05	.04	.03	.04	.09	.06	.05	.06	.06	.06			.04	.03		.03	.06	.06	.06	.06	.05	.05	.05	.04	.050	21	.11
21	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02		.05	.05	.05		.03	.05	.05	.05	.05	.05	.05	.04	.04	.036	22	.06
22*	.04	.03	.03	.03	.02	.03	.04	.04	.04	.03	.04	.04	.04	.04											.035	14	.05
23*																											
24										.05	.05	.05	.05	.04		.01	.04	.05	.05	.05	.05	.05	.05	.04	.045	14	.06
25	.04	.03	.03	.03	.02	.01	.02	.02	.05	.03		.04	.05	.04		.03	.05	.06	.05	.05	.05	.05	.05	.05	.039	22	.06
26	.05	.06	.06	.05	.05	.04	.03	.03	.04	.04		.05	.06	.05		.03	.06	.07	.06	.05	.05	.05	.04	.04	.047	22	.07
27	.03	.03	.03	.03	.02	.02	.03	.04	.04	.04	.04	.04	.03			.04	.05	.06	.08	.09	.09		.07	.07	.045	21	.10
28	.06	.06	.06	.06	.05	.05	.05	.05	.06	.06		.03	.04	.03			.05	.07	.06	.06	.04	.03	.03	.03	.049	21	.07
29*	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03			.03	.04	.05	.05	.05	.05	.04	.04	.033	22	.06
MEAN	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04		.03	.05	.05	.05	.05	.05	.05	.04	.04	.040		
NO.	27	27	27	27	27	27	27	27	26	25	20	24	26	25		19	27	26	27	27	26	26	26	26		592	
MAX	.07	.06	.06	.06	.09	.06	.06	.07	.07	.10	.08	.06	.06	.07		.04	.07	.07	.08	.09	.09	.07	.07	.07	.064		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-363.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.030	23	.04
2	.02	.02	.02	.01	.01	.01	.01	.02		.08	.12	.05	.03	.01		.04	.06	.07	.08			.04	.04	.04	.039	20	.14
3	.03	.03	.04	.05	.04			.03	.02	.03	.04	.04	.04			.04	.06	.06	.06	.05	.05	.05	.04	.04	.041	20	.06
4	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02			.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.032	21	.05
5	.04	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02		.02	.04	.04	.04	.03	.02	.02	.02	.02	.026	23	.05
6	.02	.02	.02	.02	.03	.02	.03	.03	.03	.02	.02	.03	.03	.02		.02	.04	.04	.05	.04	.04	.05	.05	.05	.031	23	.05
7*	.04	.04	.04	.04	.04	.03	.04	.04	.03	.03	.03	.03	.04	.04		.03	.04	.04	.05	.05	.05	.05	.04	.04	.039	23	.05
8*	.04	.04	.04	.05	.04	.04	.04	.04	.04	.03	.05	.05	.04	.05		.06	.08	.07	.07	.07	.07	.06	.06	.05	.050	23	.09
9	.04	.04	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.04	.02		.03	.04	.04	.04	.03	.04	.03	.04	.03	.035	23	.05
10	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.03	.02			.03	.03	.03	.03	.03	.03	.03	.02	.025	22	.04
11	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02			.01		.04	.04	.04	.05	.06	.07	.07	.07	.08	.035	21	.08
12			.03	.04	.04	.04	.04	.04	.04	.03	.03	.04	.04	.04			.03	.04	.05	.04	.04	.03	.04	.04	.038	20	.05
13	.04	.04	.04	.04	.03	.03	.04	.04	.04	.03	.03	.04	.06	.04		.03	.05	.05	.05	.06	.06	.06	.06	.06	.044	23	.06
14*	.05	.06			.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.03	.03	.03	.02	.03	.02	.02	.02	.030	21	.06
15*	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02		.01	.02	.02	.02	.02	.02	.02	.02	.02	.016	23	.03
16	.02	.02	.02	.03	.03	.02	.02	.03	.03	.02	.03	.03	.03	.03		.03	.04	.06	.06	.06	.06	.05	.05	.05	.035	23	.07
17	.04	.04	.03	.03	.03	.04	.04	.04	.04	.04		.04	.04	.04			.06	.06	.06	.06	.07			.02	.043	19	.07
18	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03			.03			.03	.04	.03	.03	.03	.03	.03	.03	.03	.028	20	.04
19	.02	.02	.02	.01	.02	.02	.02	.02	.02				.02			.02	.04	.04	.04	.04	.04	.04	.04	.04	.028	19	.05
20	.03	.03	.03	.03	.03	.03	.04	.03	.04	.03	.03	.04	.05	.05		.06	.06	.06	.05	.05	.04	.04	.04	.04	.039	23	.06
21*	.04	.04	.03	.03	.03	.03	.03	.03	.03	.02	.03	.04	.04	.03		.03	.03	.03	.03	.03	.03	.03	.03	.02	.030	23	.04
22*																											
23																											
24										.04	.04	.05	.05	.04			.06	.07	.07	.06	.06	.06	.05	.04	.052	13	.07
25																											
26																											
27																											
28*																											
29*																											
30																											
31																											
MEAN	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.05	.05	.04	.04	.04	.04	.04	.034		
NO	20	20	20	20	21	20	20	21	20	21	18	18	21	19		18	22	22	22	21	21	21	21	22		469	
MAX	.05	.06	.04	.05	.04	.04	.04	.04	.04	.08	.12	.05	.06	.05		.06	.08	.07	.08	.07	.07	.07	.07	.08	.052		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-364.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3																											
4*																											
5*																											
6																											
7																											
8																											
9																											
10																											
11*	.05	.05	.05	.04	.04	.04	.04	.04	.04	.03	.02	.02	.03	.03			.03	.04	.05	.07	.07	.04	.04	.05	.041	22	.07
12*	.04	.04	.04	.05	.06	.05	.05	.05	.04	.04	.03	.03	.02	.02		.02	.02	.03	.03	.03	.03	.02	.03	.03	.034	23	.06
13	.03	.03	.03	.02	.03	.04	.05	.05	.05	.04	.03	.04	.03	.03		.04	.05	.05	.04	.04	.03	.03	.03	.03	.036	23	.06
14	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03		.04	.03	.04			.04	.03	.03	.03	.03	.02	.03	.03	.028	21	.04
15	.03	.02	.02	.03	.02	.02	.03	.03			.04	.03		.03		.02	.03	.03	.03	.04	.04	.04	.03	.03	.030	20	.05
16	.03	.02	.02	.02	.03	.03	.04	.04	.04	.04	.03	.03	.02	.03			.04	.05	.05	.06	.05	.05	.04	.04	.035	22	.06
17	.04	.03	.03	.03	.03	.02	.04	.05	.06	.05	.05	.06	.05	.04		.03	.04	.05	.06	.06	.06	.05	.05	.05	.044	23	.06
18*	.05	.04	.04	.04	.04	.04	.05	.05	.07	.07	.02	.02	.02	.03		.02	.03	.04	.04	.04	.04	.03	.02	.03	.038	23	.09
19*	.02	.02	.02	.03	.04	.04	.04	.05	.04	.03	.02	.02	.02	.03		.04	.04	.03	.03	.03	.03	.02	.02	.03	.029	23	.05
20	.02	.01	.02	.01	.01	.01	.02	.03	.04	.03			.03	.03		.04	.04	.04	.03	.03	.03	.03	.03	.03	.026	21	.04
21	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03				.04	.03	.03	.03	.03	.03	.03	.028	21	.04
22	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03							.04	.05	.06	.05	.04	.03	.03	.04	.033	18	.06
23	.04	.04	.03	.03	.03	.03	.03	.05	.05	.05	.03	.03	.03	.02		.02	.03	.05	.05	.06	.06	.06	.05	.06	.040	23	.07
24	.06	.07	.07	.07	.06	.05	.03	.04	.04	.04	.03	.03	.03	.03			.03	.04	.04	.04	.04	.03	.04	.03	.043	22	.07
25*	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.03	.03	.02	.03		.02	.03	.03	.04	.05	.04	.05	.05	.04	.030	23	.05
26*	.04	.04	.03	.03	.03	.04	.05	.05	.04	.02	.02	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.03	.03	.030	23	.06
27	.03	.03	.03	.03	.04	.04	.04	.04	.04	.05	.04	.03	.05	.04		.05	.05	.05	.05	.04	.04	.03	.04	.03	.040	23	.05
28	.04	.04	.03	.04	.04	.04	.04	.05	.05	.04	.04	.03	.04	.03		.03	.03	.03	.03	.02	.01	.02	.02	.01	.032	23	.05
29	.01	.01	.00	.00	.01	.01	.02	.02	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.02	.02	.03	.02	.02	.021	23	.04
30	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.03	.03	.03	.03	.03	.03	.02	.028	23	.04
MEAN	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03			.03	.04	.04	.04	.04	.03	.03	.03	.033		
NO.	20	20	20	20	20	20	20	20	19	19	17	18	18	19		14	19	20	20	20	20	20	20			443	
MAX.	.06	.07	.07	.07	.06	.05	.05	.05	.07	.07	.05	.06	.05	.04		.05	.05	.05	.06	.07	.07	.06	.05	.06	.044		.09

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-365.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX
1	.02	.02	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03			.04	.04	.04	.04	.03	.03	.03	.03	.027	22	.04
2*	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02		.01	.02	.02	.02	.03	.03	.03	.03	.04	.024	23	.04
3*	.04	.04	.04	.02	.03	.04	.04	.04	.04	.04	.04	.04	.03	.02		.02	.02	.02	.03	.04	.04	.04	.04	.04	.033	23	.05
4	.03	.03	.03	.03	.03	.03	.05	.05	.05	.05	.04	.03	.02	.02		.03	.03	.04	.04	.05	.05	.05	.03	.04	.036	23	.05
5	.04	.05	.05	.05	.05	.06	.07	.09	.08	.05	.04	.03	.03			.04	.04	.03	.04	.04	.03	.04	.04	.04	.047	22	.09
6	.04	.04	.03	.04	.04	.05	.04	.05	.06	.05	.04	.02	.02	.02		.03	.03	.04	.04	.05	.06	.06	.05	.04	.041	23	.07
7	.04	.04	.04	.04	.04	.04	.05	.07	.07	.06	.06	.05	.07	.04			.08	.07	.07	.07	.07	.06	.07	.07	.057	22	.09
8	.06	.06	.07	.06	.06	.05	.07	.13	.14	.18	.08	.04	.06	.05			.07	.08	.08	.07	.06	.06	.06	.05	.074	22	.24
9*	.05	.04	.03	.03	.03	.05	.07	.07	.07	.07	.05	.03	.04	.04		.04	.04	.04	.04	.05	.05	.04	.03	.03	.043	23	.08
10*	.02	.02	.01	.01	.01	.03	.03	.02	.02	.02	.02	.02	.02	.02			.02	.02	.03	.04	.04	.04	.04	.04	.024	22	.05
11	.04	.03	.02	.02	.03	.04	.05	.05		.04	.03	.03	.03	.03		.03	.04	.05	.04	.07	.09	.09	.09	.09	.046	22	.10
12	.09	.07	.06	.05	.05	.05	.06	.09	.11	.07	.04	.03	.03	.04			.05	.06	.07	.08	.05	.05	.06	.05	.059	22	.12
13	.04	.05	.03	.02	.02	.02	.02	.03	.04	.05		.03	.04	.04			.05	.07	.07	.06	.05	.06	.05	.03	.041	21	.08
14	.03	.01	.02	.01	.01	.03	.02	.04	.04	.03	.02	.02	.02	.03			.04	.04	.04	.03	.03	.02	.02	.02	.025	22	.05
15	.02	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04	.04		.05	.05	.04	.05	.07	.07	.07	.06	.06	.039	23	.08
16*	.06	.06	.06	.06	.05	.05	.05	.06	.06	.06	.04	.04	.04	.03		.03	.04	.03	.04	.05	.07	.05	.05	.06	.049	23	.08
17*	.05	.05	.04	.03	.03	.04	.04	.05	.06	.07	.05	.02	.02	.02		.05	.07	.06	.07	.08	.07	.08	.07	.07	.051	23	.08
18	.06	.06	.05	.05	.05	.05	.07	.11	.11	.07	.05	.03	.03	.03			.04	.04	.04	.06	.09	.08	.06	.06	.057	22	.13
19	.05	.05	.04	.04	.04	.04	.05	.08	.09			.04	.04	.05			.03	.03	.04	.05	.05	.05	.05	.04	.048	20	.10
20	.05	.05	.03	.02	.03	.04	.05	.05	.05	.04	.03	.02	.03	.02			.03	.03	.02	.03	.03	.04	.04	.03	.034	22	.06
21	.03	.03	.03	.02	.02	.03	.03	.04	.03	.02	.02	.02	.02	.02			.03	.03	.03	.04	.03	.03	.03	.03	.027	22	.04
22	.03	.03	.03	.03	.03	.04	.05	.07	.06	.05	.04	.03	.04	.04			.04	.04	.04	.06	.05	.05	.05	.05	.042	22	.07
23*	.04	.04	.04	.05	.04	.05	.05	.08	.08	.07	.04	.03	.02	.02			.03	.04	.04	.06	.07	.07	.06	.05	.047	22	.08
24*	.04	.04	.04	.05	.04	.04	.05	.06	.06	.05	.05	.03	.02	.02			.02	.02	.03	.05	.05	.04	.03	.03	.039	22	.06
25	.02	.02	.02	.01	.01	.03	.04	.04	.04	.03		.03	.03	.03			.04	.03	.03	.04	.04	.03	.03	.03	.030	21	.05
26	.03	.02	.02	.03	.03	.05	.06	.06	.06			.04	.03	.03			.04	.04	.04	.04	.05	.05	.05	.05	.039	20	.06
27	.05	.05	.03	.03	.05	.06	.08	.10	.10	.07	.05	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.03	.03	.046	23	.11
28	.02	.02	.02	.02	.03	.04	.06	.06	.05	.03	.03	.03	.04	.03		.05	.05	.04	.04	.05	.05	.05	.04	.04	.038	23	.07
29	.03	.03	.02	.02	.03	.04	.04	.04	.03	.03	.02	.02	.02	.02		.02	.02	.02	.02	.03	.04	.06	.07	.08	.032	23	.08
30*	.08	.07	.05	.04	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02		.02	.02	.02	.03	.04	.06	.05	.04	.04	.036	23	.08
31*	.03	.04	.03	.04	.04	.04	.04	.03	.03	.03	.03	.02	.02			.02	.02	.03	.03	.03	.03	.03	.05	.05	.032	22	.05
MEAN	.04	.04	.03	.03	.03	.04	.05	.06	.06	.05	.04	.03	.03	.03			.04	.04	.04	.05	.05	.05	.05	.04	.041		
NO.	31	31	31	31	31	31	31	31	30	29	27	31	31	29		15	31	31	31	31	31	31	31	31		688	
MAX	.09	.07	.07	.06	.06	.06	.08	.13	.14	.18	.08	.05	.07	.05		.05	.08	.08	.08	.08	.09	.09	.09	.09	.074		.24

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-366.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

NITROGEN DIOXIDE
JUNE 1964

COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.05	.05	.05	.04	.04	.05	.05	.07	.06	.04	.03	.03	.03	.03		.07	.08	.07	.06	.05	.05	.06	.05	.05	.050	23	.09
2	.05	.04	.04	.03	.04	.05	.05	.06	.06			.03	.03	.03		.03	.06	.06	.05	.05	.04	.04	.04	.04	.044	21	.07
3	.04	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.04	.04	.05		.05	.05	.04	.04	.04	.05	.06	.06	.06	.043	23	.06
4	.05	.05	.05	.05	.04	.05	.07	.10	.07	.03	.04	.02	.03	.03		.04	.05	.04	.04	.06	.07	.06	.07	.07	.051	23	.11
5	.06	.06	.05	.05	.04	.04	.05	.05	.05	.04	.03	.03	.03	.02		.02	.02	.03	.03	.04	.04	.04	.03	.03	.037	23	.06
6*	.03	.03	.02	.03	.03	.03	.04	.03	.04	.04	.04			.02		.02	.02	.02	.03	.05	.05	.05	.05	.04	.034	21	.05
7*	.04	.03	.03	.02	.02	.02	.03	.03	.02	.03	.03	.03	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.023	23	.05
8	.02	.02	.02	.02	.02	.04	.05	.06	.06	.04				.03		.04	.04	.05	.04	.05	.05	.06	.04	.04	.039	20	.07
9	.04	.04	.03	.04	.03	.03	.05	.07		.05	.04	.04	.04	.03		.02	.03	.02	.03	.03	.03	.03	.03	.03	.036	22	.07
10	.03	.03	.03	.03	.03	.03	.04	.06	.08	.05	.03			.02			.03	.03	.02	.03	.03	.03	.03	.03	.034	20	.09
11	.03	.02	.02	.02	.02	.04	.04	.03	.03	.02	.02	.03	.02	.02		.02	.04	.03	.03	.04	.04	.05	.05	.05	.030	23	.06
12	.05	.05	.04	.04	.03	.05	.06	.07	.11	.08	.05	.03	.04	.04			.06	.05	.05	.05	.05	.06	.06	.05	.052	22	.12
13*	.04	.03	.02	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05		.02	.02	.03	.05	.05	.04	.04	.04	.04	.037	23	.05
14*	.03	.03	.02	.02	.03	.03	.04	.05	.04	.03	.03	.03	.03			.04	.04	.04	.04	.05	.05	.05	.05	.05	.037	22	.06
15	.04	.04	.03	.03	.03	.03	.05	.07	.06	.05	.04	.04	.03	.02		.03	.04	.04	.03	.03	.03	.03	.04	.04	.038	23	.08
16	.02	.01	.01	.01	.02	.03	.03	.04			.02	.02	.02	.02		.02	.04	.03	.03	.04	.05	.05	.05	.04	.028	21	.05
17	.03	.03	.03	.02	.02	.03	.03	.04	.03	.02	.02	.02	.02	.02			.04	.04	.03	.04	.07	.07	.08	.08	.036	22	.08
18	.07	.06	.07	.06	.06	.08	.12	.18	.15	.10	.04	.02	.02	.03		.04	.05	.04	.03	.04	.05	.05	.05	.03	.061	23	.20
19	.03	.02	.04	.04	.04	.04	.05	.05		.04	.04	.04	.04	.03		.06	.07	.05	.05	.05	.05	.04	.04	.03	.042	22	.09
20*	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.04	.02	.02		.01	.02	.03	.03	.04	.05	.05	.04	.04	.034	23	.06
21*	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04			.02	.03	.03	.04	.04	.04	.03	.03	.02	.028	22	.05
22	.02	.03	.03	.03	.03	.04	.03				.02	.02	.02	.02		.02	.03	.03	.03	.03	.03	.02	.02	.03	.026	20	.05
23	.02	.02	.01	.01	.01	.03	.03			.04	.03	.03	.03	.03		.03	.03	.03	.03	.03	.04	.04	.04	.04	.027	21	.05
24	.03	.02	.03	.03	.03	.03	.04	.05	.05	.06	.08	.06	.04	.05		.05	.09	.08	.04	.05	.05	.05	.05	.05	.047	23	.10
25	.05	.03	.02	.01	.02	.03	.03	.04	.03	.03	.02	.02	.02	.02		.01	.03	.03	.03	.04	.06	.07	.06	.07	.033	23	.07
26	.08	.07	.07	.07	.06	.07	.08	.10	.07	.04	.02	.02	.03	.03		.02	.05	.06	.05	.05	.07	.07	.06	.06	.056	23	.10
27*	.05	.05	.05	.04	.04	.05	.06	.07	.08	.05	.03	.03	.02	.02		.04	.04	.05	.04	.05	.06	.07	.07	.05	.048	23	.09
28*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01		.01	.01	.02	.02	.03	.08	.09	.09		.027	22	.09
29								.10	.11	.08	.05	.03	.04	.03		.02	.04	.04	.04	.03	.04	.04	.04	.03	.047	16	.13
30	.03	.03	.02	.02	.03	.04	.06	.08	.08	.05	.03	.02	.02	.02		.01	.05	.04	.03	.04	.04	.06	.06	.05	.039	23	.10
MEAN	.04	.04	.03	.03	.03	.04	.04	.06	.06	.04	.03	.03	.03	.03		.03	.04	.04	.04	.04	.05	.05	.05	.04	.039		
NO	29	29	29	29	29	29	29	28	25	27	28	27	27	28		27	30	30	30	30	30	30	30	29		659	
MAX	.08	.07	.07	.07	.06	.08	.12	.18	.15	.10	.08	.06	.04	.05		.07	.09	.08	.06	.06	.08	.09	.09	.08	.061		.20

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-367.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX.
1	.06	.05	.04	.04	.05	.05	.07	.08	.07	.05	.04	.03	.03	.03		.04	.06	.05	.04	.04	.06	.06	.05	.05	.050	23	.11
2	.04	.03	.03	.03	.03	.05	.06	.08	.07	.06	.04	.04	.03	.03		.05	.08	.08	.08	.06	.05	.06	.05	.05	.051	23	.09
3	.04	.03	.03	.04	.03	.03	.04	.04	.04	.05	.04	.04	.04	.03			.03	.04	.03	.04	.04	.03	.04	.04	.036	22	.05
4*	.04	.04	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03			.03	.03	.03	.02	.03	.03	.03	.03	.030	21	.04
5*	.03	.03	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.03	.04	.05	.05	.05	.04	.027	23	.06
6	.04	.03	.03	.03	.03	.04	.04	.06	.06	.03	.03	.03	.02	.02		.03	.03	.03	.03	.04	.06	.08	.06	.06	.039	23	.08
7	.05	.04	.03	.04	.04	.05	.06							.04			.03	.03	.04	.04	.02	.02	.03	.03	.037	16	.07
8	.03	.03	.02	.02	.02	.04	.05	.05	.06	.05	.04	.05	.05	.05		.04	.06	.06	.04	.04	.04	.04	.04	.04	.040	23	.06
9	.03	.02	.02	.02	.02	.03	.04	.05	.05	.04	.04	.03	.03	.03		.04	.04	.03	.03	.04	.04	.05	.05	.06	.035	23	.06
10	.05	.05	.05	.05	.05	.05	.06	.07	.08	.05	.03	.02	.02	.02		.02	.03	.03	.03	.03	.05	.04	.04	.04	.040	23	.08
11*	.04	.04	.03	.03	.03	.03	.04	.04	.04	.03	.03	.02	.02	.02		.02	.02	.02	.03	.03	.03	.03	.04	.04	.030	23	.05
12*	.04	.04	.05	.03	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02		.01	.02	.02	.02	.02	.03	.03	.02	.02	.025	23	.05
13	.02	.02	.01	.01	.02	.02	.03	.03	.04	.04						.04	.06	.05	.04	.04	.04	.05	.05	.05	.035	19	.06
14	.04	.02	.03	.03	.03	.03	.04	.06	.06	.04	.03	.03	.02	.03				.04	.03	.04	.04	.04	.04	.03	.034	21	.07
15	.04	.03	.04	.04	.04	.04	.05	.07	.05	.04	.03	.03	.02	.03		.02	.03	.02	.03	.04	.04	.04	.04	.04	.036	23	.09
16	.03	.03	.04	.04	.04	.04	.05	.06	.06	.04	.04	.02	.02	.03		.03	.04	.05	.04	.04	.05	.06	.06	.05	.041	23	.06
17	.05	.06	.06	.06	.06	.05	.06	.11	.12	.05	.03	.02	.02	.03		.03	.04	.06	.06	.05	.04	.04	.03	.03	.049	23	.15
18*	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.02	.02	.02	.02	.02	.02	.02	.02	.02	.025	23	.04
19*	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02		.01	.02	.02	.02	.02	.03	.03	.02	.02	.014	23	.03
20	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.03	.04	.04	.03		.04	.06	.05	.05	.05	.04	.04	.04	.04	.034	23	.06
21																											
22																											
23																											
24	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.03	.03		.03	.03	.03	.03	.05	.04	.04	.03	.02	.027	23	.05
25*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03			.04	.04	.03	.03	.03	.04	.03	.03	.027	22	.04
26*	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01					.01								.012	13	.02
27																											
28																											
29																											
30																											
31	.03	.03	.01	.02	.02	.02	.02			.03	.02	.02	.02	.02			.03	.02	.03	.03	.04	.04	.05	.05	.027	19	.05
MEAN	.03	.03	.03	.03	.03	.03	.04	.05	.04	.04	.03	.03	.03	.03		.03	.04	.04	.03	.04	.04	.04	.04	.04	.034		
NO	24	24	24	24	24	24	24	22	22	21	22	22	21	22		17	23	23	23	23	23	23	23	23		521	
MAX	.06	.06	.06	.06	.06	.05	.07	.11	.12	.06	.04	.05	.05	.05		.05	.08	.08	.08	.06	.06	.08	.06	.06	.051		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-368.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
AUG. 1964

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.04	.03	.03	.03	.02	.02	.02	.03	.03	.02	.03	.04	.03	.03		.02	.02	.02	.02	.03	.03	.02	.02	.02	.025	23	.05
2*																											
3								.04	.06	.05	.04	.04	.02	.03			.03	.03	.02	.02	.02	.02	.02	.02	.031	15	.06
4	.02	.01	.01	.01	.02	.02	.03	.04	.03	.02	.02	.02	.02	.02			.02	.02	.02	.03	.03	.02	.03	.03	.022	22	.04
5	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04	.03	.03	.03	.03		.03	.04	.05	.06	.06	.06	.06	.05	.05	.036	23	.07
6	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.01	.01	.01	.01		.02	.02	.02	.03	.05	.06	.06	.06	.07	.033	23	.07
7	.07	.07	.06	.06	.05	.05	.06	.10	.09	.06	.05	.03	.03	.03		.03	.04	.03	.03	.03	.04	.03	.03	.03	.049	23	.12
8*	.04	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04		.04	.03	.03	.04	.04	.05	.04	.03	.03	.031	23	.06
9*	.03	.03	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02		.01	.01	.02	.02	.03	.04	.04	.04	.04	.025	23	.04
10	.04	.04	.04	.03	.04	.04	.04	.05	.06	.06	.06	.05	.05	.04		.04	.05	.04	.03	.03	.04	.05	.03	.03	.042	23	.06
11	.04	.03	.03	.02	.02	.03	.04	.04		.03	.03	.03					.04	.04	.03	.03	.03	.03	.02	.02	.030	19	.05
12	.01	.02	.02	.01	.01	.02	.02	.03	.03	.03	.03	.02	.02	.02											.021	14	.04
13																											
14	.03	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.03	.03		.03	.03	.03	.03	.05	.05	.05	.05	.05	.031	23	.06
15*	.05	.05	.04	.04	.04	.04	.04	.06	.06	.05	.03	.03	.03	.02		.02	.03	.03	.03	.05	.06	.06	.04	.03	.040	23	.07
16*	.03	.03	.02	.02	.02	.03	.03	.04	.04	.03	.02	.02	.02	.02		.00	.02	.03	.04	.04	.04	.04	.04	.03	.028	23	.05
17	.03	.02	.03	.02	.03	.04	.03	.05	.04	.04	.04	.03	.03	.03		.03	.04	.03	.04	.07	.07	.06	.05	.05	.038	23	.08
18	.04	.03	.03	.03	.03	.04	.04	.06	.07	.07	.05	.04	.04	.03			.06	.05	.05	.04	.05	.04	.04	.04	.043	22	.08
19	.02	.02	.01	.01	.01	.03	.03	.03		.03	.02	.02	.02	.02		.02	.02	.02	.02	.03	.04	.04	.04	.04	.024	22	.04
20	.04	.04	.04	.04	.04	.03	.03	.05	.09	.06	.03	.03	.03	.02		.03	.04	.04	.04	.05	.04	.04	.03	.04	.039	23	.10
21	.03	.03	.02	.02	.03	.03	.03	.05	.13	.07	.04	.03	.03	.03			.03	.04	.04	.05	.03	.04	.03	.03	.039	22	.15
22*	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02			.02	.02	.03	.03	.03	.02	.03	.03	.024	22	.03
23*	.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.01			.02	.02	.03	.03	.03	.03	.03	.03	.020	22	.03
24	.02	.02	.02	.02	.02	.03	.04	.05	.03	.03	.03	.02	.02	.02		.03	.03	.03	.04	.05	.05	.05	.04		.031	23	.06
25	.03	.03	.02	.02	.02	.03	.04	.05	.06	.05	.08	.06	.04	.03			.03	.03	.03	.03	.04	.04	.04	.02	.037	22	.09
26	.02	.02	.02	.01	.01	.02	.03	.05	.07	.04	.03	.02	.02	.02			.04	.04	.03	.04	.04	.03	.03	.03	.030	22	.08
27	.03	.03	.02	.03	.03	.03	.03	.04	.04	.03	.02	.02	.01	.01			.03	.02	.03	.04	.03	.03	.03	.03	.027	22	.04
28	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.03			.02	.02	.03	.03	.03	.03	.03	.02	.025	22	.03
29*	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.03	.03	.03			.02	.02	.03	.02	.02	.03	.03	.03	.023	22	.04
30*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01			.01	.01	.02	.02	.01	.01	.01	.01	.017	22	.03
31	.01	.01	.01	.01	.01	.01	.01	.01	.03	.03	.03	.02	.03	.03			.03	.02	.03	.03	.03	.03	.03	.03	.022	22	.04
MEAN	.03	.03	.02	.02	.02	.03	.03	.04	.04	.04	.03	.03	.03	.02			.03	.03	.03	.04	.04	.04	.03	.03	.031		
NO	28	28	28	28	28	28	28	29	27	29	29	29	28	28		14	28	28	28	28	28	28	28			633	
MAX	.07	.07	.06	.06	.05	.05	.06	.10	.13	.07	.08	.06	.05	.04		.04	.06	.05	.06	.07	.07	.06	.06	.07	.049		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-369.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX.
1	.03	.03	.03	.03	.01	.02	.03	.03	.03	.03	.03	.02	.02	.02		.02	.03	.03	.03	.04	.03	.03	.02	.02	.026	23	.04
2	.01	.01	.01	.01	.02	.03	.03	.04	.03	.03	.03	.03	.02	.01		.02	.02	.02	.04	.06	.06	.05	.06	.06	.029	23	.06
3	.06	.05	.04	.03	.03	.03	.04	.06	.06	.04	.03	.02	.02	.02			.03	.03	.04	.06	.07	.07	.06	.06	.042	22	.07
4	.05	.04	.04	.03	.03	.03	.03	.05	.08	.08	.07	.04	.02	.02		.02	.04	.04	.04	.04	.03	.04	.03	.03	.039	23	.08
5*	.03	.03	.03	.02	.02	.02	.03	.03	.04	.04	.03	.02	.02	.02	.02		.02	.02	.02	.03	.04	.04	.02	.03	.027	23	.05
6*	.03	.03	.02	.02	.01	.02	.02	.03	.02	.01	.01	.01	.01	.02	.02		.01	.01	.02	.03	.03	.04	.04	.03	.021	23	.04
7	.04	.04	.04	.04	.04	.04	.04	.05	.07	.14	.07	.03	.02	.01	.01		.01	.02	.02	.03	.05	.05	.04	.05	.040	23	.16
8	.04	.02	.03	.02	.02	.03	.03	.04	.06	.04	.05	.04	.03	.02		.02	.02	.01	.02	.05	.03	.03	.02	.02	.029	23	.06
9	.02	.01	.01	.01	.02	.02	.02	.04	.09	.08	.07	.06	.05	.04			.05	.03	.03	.04	.04	.03	.02	.03	.037	22	.10
10	.02	.02	.01	.01	.01	.02	.02	.02	.03	.05			.02	.02			.02	.01	.01	.01	.01	.02	.01	.01	.018	20	.05
11	.01	.01	.01	.01	.01	.02	.01	.02	.02	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.02	.02	.02	.02	.021	23	.04
12*	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.016	22	.03
13*	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.03	.02	.03	.04	.03	.03	.03	.03	.020	23	.04
14	.03	.03	.02	.02	.02	.02	.03	.04	.05	.04	.04	.03	.03	.03		.03	.03	.04	.05	.06	.05	.04	.04	.04	.034	23	.06
15	.04	.04	.04	.04	.04	.04	.04	.07	.10	.06	.04	.03	.03	.03		.03	.04	.03	.05	.08	.07	.06	.06	.06	.049	23	.11
16	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03		.03	.04	.04	.04	.04	.04	.03	.04	.03	.034	23	.05
17	.02	.03	.03	.02	.03	.04	.05	.07	.08	.06	.05	.04	.03	.04		.04	.06	.05	.04	.04	.04	.03	.03	.03	.040	23	.08
18	.03	.02	.02	.02	.02	.03	.04	.07	.07	.06	.05	.04	.04	.05		.04	.04	.04	.03	.03	.03	.03	.03	.03	.036	23	.07
19*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.03	.03	.02	.02	.02	.01	.01	.021	23	.03
20*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.02	.02	.02	.01	.01	.01	.01	.011	23	.02
21	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03		.04	.03	.03		.04	.04	.03	.05	.05	.05	.04	.03	.03	.028	22	.06
22	.02	.02	.02	.02	.02	.02	.02	.03	.03			.02	.04	.03			.03	.03	.03	.03	.04	.03	.03	.03	.027	20	.04
23	.03	.03	.03	.03	.03	.03	.03	.05	.07	.06	.04	.03	.03	.03		.03	.05	.05	.05	.05	.04	.04	.02	.02	.036	23	.07
24	.01	.02	.02	.02	.03	.03	.04	.06	.07	.05	.04	.03	.03	.03			.04	.04	.04	.04	.03	.03	.02	.02	.034	22	.08
25	.02	.02	.02	.03	.03	.03	.03	.04	.05	.05	.04	.03	.04	.03			.03	.03	.04	.04	.04	.04	.04	.05	.035	22	.05
26*	.04	.04	.04	.03	.05	.04	.05	.07	.13	.13	.08	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.046	22	.16
27*	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.03	.02	.00			.02	.02	.03	.03	.03	.03	.03	.03	.022	22	.03
28	.02	.02	.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.02	.02	.02	.02	.02	.023	23	.04
29	.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.05	.05	.06	.06		.05	.05	.05	.03	.03	.03	.04	.04	.04	.035	23	.06
30	.03	.03	.02	.02	.02	.02	.02	.03	.04	.03	.03	.03	.03				.03	.03	.03	.03	.02	.02	.02	.02	.026	21	.04
MEAN	.03	.02	.02	.02	.02	.02	.03	.04	.05	.05	.04	.03	.03	.03		.03	.03	.03	.03	.04	.03	.03	.03	.03	.030		
NO.	30	30	30	30	30	30	30	30	30	29	27	29	30	29	4	16	30	30	30	30	30	30	30	30		674	
MAX	.06	.05	.04	.04	.05	.04	.05	.07	.13	.14	.08	.06	.06	.06	.02	.05	.06	.05	.05	.08	.07	.07	.06	.06	.049		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-370.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
OCT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.02	.03	.02	.02	.02	.03	.03	.04		.05	.05	.04	.05	.05			.05	.04	.04	.03	.03	.03	.03	.03	.034	21	.07
2	.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.03	.03	.04	.05	.08		.05	.04	.03	.03	.02	.02	.02	.02	.030	23	.08
3*	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02		.03	.03	.04	.04	.04	.03	.03	.03	.027	23	.05
4*	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02			.03	.04	.05	.05	.04	.03	.03	.028	22	.05
5	.03							.03	.04	.03	.03	.03	.03	.03	.03		.04	.04	.04	.04	.04	.04	.04	.04	.035	17	.04
6	.03	.03	.03	.03	.03	.03	.03	.03	.05	.06	.04	.03	.03	.04			.03	.03	.04	.04	.03	.03	.03	.03	.034	22	.06
7	.03	.02	.02	.02	.02	.03	.02	.03	.03	.03	.03	.02	.02	.02		.02	.03	.03	.04	.04	.04	.04	.04	.04	.029	23	.04
8	.04	.05	.04	.04	.04	.03	.03	.04	.06	.07	.07	.04		.04		.03	.04	.05	.07	.06	.05				.047	19	.08
9									.11	.09	.05	.03	.04	.04		.04	.06	.06	.07	.05	.04	.03	.03	.02	.050	15	.14
10*	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03	.024	23	.03
11*	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.04	.05	.05	.05	.05	.033	22	.05
12	.05	.04	.04	.04	.04	.04	.04	.04	.04	.06	.05	.05	.05	.04		.05	.05	.06	.06	.06	.06	.05	.05	.05	.048	23	.06
13	.05	.04	.04	.04	.04	.04	.04	.05	.08	.11	.13	.05	.03	.04			.05	.07	.09	.08	.07	.07	.07	.07	.061	22	.16
14	.06	.06	.05	.05	.05	.06	.06	.07	.09	.05	.04	.03	.03	.03		.05	.05	.06	.06	.07	.07	.06	.06		.056	23	.10
15																											
16	.05	.05	.06	.06	.07	.07	.07	.07	.08	.06	.05	.04	.04	.04			.05	.05	.05	.04	.03	.03	.03	.03	.051	22	.08
17*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04			.04	.04	.04	.04	.03	.03	.03	.03	.032	22	.04
18*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04			.04	.08	.11	.11	.10	.09	.09	.07	.052	22	.11
19	.07	.06	.06	.05	.05	.05	.04	.04	.03	.03	.03	.04	.04	.04			.04	.03	.03	.03	.03	.03	.03	.03	.039	22	.07
20	.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.04	.04			.03	.04	.04	.04	.03	.03	.03	.03	.031	22	.05
21	.03		.02	.02	.02	.02	.02	.02	.05	.05	.05	.05	.05	.05		.03	.04	.05	.04	.05	.05	.04	.03	.03	.036	23	.06
22	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03		.02	.04	.04	.04	.04	.04	.04	.03	.03	.035	23	.04
23	.03		.03	.02	.03	.03	.03	.04	.05	.04	.04	.03	.04	.04		.03	.04	.05	.05	.05	.04	.04	.04	.04	.037	23	.05
24*	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.04		.03	.05	.05	.05	.06	.06	.05	.05	.05	.043	23	.06
25*	.05	.05	.05	.04	.04	.04	.04	.04	.05	.06	.07	.05	.04	.04		.03	.04	.06	.06	.06	.05	.05	.05	.05	.048	23	.07
26	.05	.05	.05	.04	.04	.04	.04	.04	.08	.11	.11	.07	.05	.05		.05	.08	.11	.10	.10	.09	.08	.08	.09	.069	23	.13
27	.08	.07	.06	.06	.05	.05	.05	.05						.06		.04	.06	.07	.06	.05	.05	.05	.05	.04	.054	18	.08
28	.04	.04	.03	.03	.03	.04	.04	.03	.04	.04	.05	.05	.04	.03		.02	.04	.06	.06	.05	.05	.04	.04	.04	.039	23	.06
29	.04	.03	.03	.02	.02	.03	.03	.03	.04	.05	.06	.07	.09	.07		.02	.04	.04	.04	.04	.05	.05	.05	.05	.043	23	.11
30	.05	.04	.04	.03	.02	.02	.03	.03	.04				.02	.03		.03	.04	.05	.05	.06	.06	.04	.04	.04	.038	20	.06
31*	.04	.04	.04	.04	.04	.04	.04	.05	.05	.03	.03	.03	.03	.03			.03	.05	.04	.04	.05	.05	.05	.06	.041	22	.06
MEAN	.04	.04	.03	.03	.03	.03	.03	.04	.05	.05	.05	.04	.04	.04			.04	.05	.05	.05	.05	.04	.04	.04	.041		
NO	29	28	28	28	28	28	28	29	28	28	28	28	28	30	6	15	28	30	30	30	30	29	29	29		652	
MAX	.08	.07	.06	.06	.07	.07	.07	.07	.11	.11	.13	.07	.09	.07	.08	.05	.08	.11	.11	.11	.10	.09	.09	.09	.069		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-371.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

WASHINGTON, D.C.

NITROGEN DIOXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX
1*									.11	.19	.14	.12	.09	.10		.05	.07	.09	.09	.09	.09	.08	.07	.07	.095	15	.23
2																	.04	.04	.04	.04	.05	.05	.06	.06	.048	19	.06
3	.06	.06	.05	.05	.05	.05	.05	.04	.04	.04	.04																
4	.06	.06	.04	.04	.03	.03	.03	.03	.04	.05	.06	.07	.06	.06			.10	.11	.11	.09	.08	.09	.10	.10	.064	22	.11
5	.09	.08	.07	.06	.05	.05	.05	.05	.06	.09	.08	.08	.08	.08		.04	.04	.06	.06	.04	.04	.03	.03	.02	.057	23	.10
6	.02	.02	.01	.01	.02	.02	.03	.03	.03	.04	.04	.03	.03	.04		.03	.03	.04	.04	.04	.04	.04	.04	.04	.030	23	.04
7*	.04	.04	.04	.04	.03	.03	.03	.03	.04	.04	.05	.04	.04	.04		.03	.05	.06	.06	.06	.07	.06	.06	.06	.044	23	.08
8*	.06	.06	.05	.05	.05	.04	.06	.09	.11	.11	.10	.08	.08	.05		.04	.09	.08	.07	.07	.07	.07	.10	.10	.072	23	.13
9	.12	.09	.06	.05	.04	.04	.04	.04	.05	.05	.05	.05	.04	.04		.05	.06	.07	.07	.07	.07	.07	.07	.06	.059	23	.12
10	.06	.05	.05	.05	.05	.05	.05	.06	.07	.09		.07	.05	.05			.07	.08	.09	.08	.08	.06	.07	.07	.064	21	.11
11	.06	.06	.06	.06	.05	.05	.06	.05	.06	.07	.09	.11	.11	.11			.07	.08	.08	.08	.07	.06	.07	.06	.071	22	.12
12	.06	.05	.05	.05	.06	.06	.05	.06	.06	.07	.08	.07	.05	.05			.05	.06	.05	.04	.04	.04	.04	.04	.054	22	.09
13	.03	.02	.01	.02	.02	.02	.03	.03		.04	.04	.05	.04	.04			.04	.04	.04	.04	.03	.03	.03	.03	.032	21	.05
14*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.04	.04	.05	.05	.05	.06	.06	.06	.038	22	.06
15*	.06	.05	.05	.08	.09	.07	.05	.04	.04	.04	.04	.04	.03	.03			.05	.06	.07	.09	.10	.07	.05	.04	.055	22	.10
16	.04	.03	.03	.03	.03	.04	.04	.04	.05	.07	.07	.06	.06	.06	.04		.05	.05	.05	.05	.04	.03	.02	.02	.043	23	.08
17	.02	.01	.01	.01	.01	.02	.03	.03	.03	.03			.04	.03			.03	.03	.04	.03	.04	.04	.04	.04	.028	20	.05
18	.04	.03	.03	.02	.01	.01	.02	.03	.03	.03	.03	.03	.03	.03			.02	.03	.03	.03	.03	.03	.03	.03	.028	22	.04
19	.03	.03	.02	.02	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.02	.027	22	.03
20	.02	.03	.02	.02	.02	.02	.03	.03	.03	.04		.02	.02	.03		.02	.03	.03	.03	.04	.04	.04	.04	.03	.028	22	.04
21*	.03	.02	.02	.02	.02	.02	.03	.02	.03	.03	.03	.02	.02	.02			.02	.03	.03	.03	.03	.02	.03	.02	.025	22	.03
22*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.04	.03	.03	.026	23	.04
23	.05	.06	.06	.07	.06	.05	.05	.05	.06	.07	.06	.05	.04	.04	.03	.03	.04	.04	.04	.04	.03	.03	.03	.04	.047	24	.07
24	.03	.03	.03	.04	.06	.07	.05	.05	.06	.07	.09	.13	.05	.04			.03	.05	.04	.04	.04	.03	.03	.04	.050	22	.14
25	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.02	.03	.02	.02	.02	.02	.028	22	.04
26	.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02			.03	.04	.04	.04	.04	.04	.04	.04	.025	22	.04
27	.04	.04	.02	.02	.02	.03	.03	.03	.04	.04	.04	.03	.03	.03			.06	.06	.07	.07	.07	.06	.06	.06	.042	22	.07
28*	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04			.05	.05	.05	.04	.04	.03	.03	.03	.042	22	.06
29*	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.025	22	.03
30	.03	.03	.03	.02	.02	.02	.03	.03	.04	.03	.03	.03	.03	.03			.00	.00	.01	.00	.00	.00	.00	.00	.018	22	.09
MEAN	.04	.04	.04	.04	.04	.03	.04	.04	.04	.05	.05	.05	.04	.04			.04	.05	.05	.05	.05	.04	.04	.04	.043		
NO	28	28	28	28	28	28	28	28	28	29	26	27	28	28	2	9	29	29	29	29	29	29	29	29		633	
MAX	.12	.09	.07	.08	.09	.07	.06	.09	.11	.19	.14	.13	.11	.11	.04	.05	.10	.11	.11	.09	.10	.09	.10	.10	.095		.23

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-372.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
DEC. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.00	.00	.00	.00	.01	.01	.02	.02			.03	.02	.02	.03			.03	.03	.03	.03	.02	.02	.02	.02	.018	20	.04
2	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02					.01	.02	.03	.03	.03	.03	.02	.02	.02	.021	20	.03
3	.02	.02	.02	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03			.04	.04	.03	.03	.03	.03	.03	.03	.026	22	.05
4	.03	.02	.02	.02	.01	.02	.03	.02	.03	.04	.04	.06	.05	.04			.04	.04	.04	.04	.03	.03	.03	.03	.031	22	.07
5*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04			.04	.04	.03	.03	.03	.03	.03	.03	.032	22	.05
6*	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.02	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.02	.023	22	.03
7	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.04	.04	.029	22	.05
8	.03	.02	.02	.02	.02	.02	.02	.03	.03	.04	.03	.03	.03				.03	.03	.03	.02	.02	.02	.01	.01	.024	21	.04
9	.01	.01	.01	.01	.01	.01	.01	.01	.03	.04	.03	.03	.04	.04	.03		.03	.03	.03	.03	.04	.03	.03	.03	.024	23	.05
10	.04	.03	.03	.03	.02	.03	.04	.04	.05	.05	.05	.05	.04	.04			.05	.05	.04	.03	.04	.03	.03	.03	.037	22	.06
11	.02	.02	.02	.01	.02	.02	.02	.02	.03	.03	.03	.02	.03	.03			.03	.04	.04	.04	.03	.04	.04	.03	.027	22	.04
12*	.03	.03	.03	.02	.02	.02	.03	.04	.03	.04	.04	.03	.04	.04			.03	.03	.03	.03	.04	.04	.05	.05	.034	22	.06
13*	.06	.05	.06	.05	.04	.03	.03	.02	.03	.04	.03	.02	.02	.02			.03	.03	.03	.03	.03	.03	.03	.01	.032	22	.07
14	.00	.00	.00	.00	.00	.01	.01	.02	.03	.03	.03	.03	.02	.03			.04	.04	.03	.03	.03	.03	.03	.02	.020	22	.04
15	.02	.02	.02	.01	.01	.01	.02	.02	.03	.03	.03	.03	.02	.03			.02	.02	.02	.02	.02	.02	.02	.02	.021	22	.03
16	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.04	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.032	22	.05
17	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.03	.03	.04	.03	.03	.03	.03	.02	.026	23	.04
18	.02	.01	.01	.01	.01	.02	.02	.03	.03			.03	.02	.02			.03	.03	.03	.03	.03	.03	.02	.02	.022	20	.03
19*	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.03	.03	.03	.02			.02	.02	.02	.02	.02	.02	.02	.02	.019	22	.03
20*	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.017	22	.02
21	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03	.03		.02	.03	.03	.02	.02	.02	.02	.02	.02	.025	23	.04
22	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04	.03	.03		.03	.03	.03	.03	.03	.02	.02	.02	.02	.026	23	.05
23	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.021	22	.03
24	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.020	22	.03
25	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02			.03	.03	.04	.04	.04	.04	.03	.04	.023	22	.05
26*	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02			.02	.02	.02	.02	.02	.02	.03	.02	.022	22	.04
27*	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.017	22	.03
28	.02	.02	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.020	22	.03
29	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02			.02	.03	.03	.03	.03	.03	.03	.03	.024	22	.03
30	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.06	.05	.05			.05	.03	.03	.04	.07	.05	.03	.03	.037	21	.07
31	.01	.01	.01	.01	.01	.02	.03	.03	.03	.02	.02	.03	.03	.03			.03	.04	.03	.03	.03	.05	.03	.03	.025	22	.06
MEAN	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.02	.025		
NO.	31	31	31	31	31	31	31	31	30	29	29	30	30	29	2	3	31	31	31	31	31	31	31	31		678	
MAX	.06	.05	.06	.05	.04	.03	.04	.04	.05	.05	.05	.06	.05	.05	.03	.03	.05	.05	.04	.04	.07	.05	.05	.05	.037		.07

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-373.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1																											
2																											
3																											
4*																											
5*																											
6	.00	.00	.03	.02	.03	.04	.03	.04	.03	.01		.01	.02	.00	.00	.01	.00	.01	.05	.07	.05	.05	.06	.06	.026	23	.18
7																											
8																											
9																											
10																											
11*																											
12*																											
13												.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	13	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.10
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01		.01	.07	.06	.07	.07	.08	.07	.07	.022	23	.32
16	.08	.10	.10	.11	.12	.16	.19	.19	.15	.12	.14	.17	.12	.09	.09	.10	.10	.12	.12	.12	.12	.13	.14	.13	.124	24	.37
17	.11	.12	.12	.13	.14	.15	.17	.17							.09	.10	.09	.11	.11	.14	.17	.18	.16	.13	.131	18	.20
18*	.17	.19	.17	.19	.22	.24	.29	.34	.37	.24	.18	.20	.18	.18	.16	.16	.14	.15	.17	.19	.20	.23	.25	.28	.212	24	.44
19*	.23	.23	.29	.36	.36	.37	.36	.37	.27	.25	.28	.26	.25	.22	.18	.15	.16	.15	.15	.11	.08	.09	.08	.08	.223	24	.43
20	.09	.09	.11	.10	.10	.12	.11	.12	.13	.12	.10	.13	.09	.08	.10	.12	.14	.10	.09	.09	.09	.07	.07	.08	.100	24	.16
21																											
22																											
23																											
24																											
25*																											
26*																											
27																											
28																											
29																											
30																											
31																											
MEAN	8	8	8	8	8	8	8	8	7	7	6	8	8	8	9	8	9	9	9	9	9	9	9	9		197	
NO	8	8	8	8	8	8	8	8	7	7	6	8	8	8	9	8	9	9	9	9	9	9	9	9			
MAX	.23	.23	.29	.36	.36	.37	.36	.37	.37	.25	.28	.26	.25	.22	.18	.16	.16	.15	.17	.19	.20	.23	.25	.28	.223		.44

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-374.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
FEB. 1964

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*											.01	.01	.01	.00	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.010	14	.02
2*	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.005	24	.01
3	.01	.01	.03	.00	.00	.00	.00	.00	.00	.00	.00			.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.016	22	.11
4	.02	.02	.03	.03	.03	.02	.03	.03							.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.021	18	.09
5																											
6																											
7																											
8*																											
9*																											
10																											
11																											
12																											
13																											
14																											
15*																											
16*																											
17																											
18																											
19																											
20																											
21																											
22*																											
23*																											
24																											
25																											
26																											
27																											
28																											
29*																											
MEAN	3	3	3	3	3	3	3	3	2	2	3	2	2	3	4	4	4	4	4	4	4	4	4	4	.021	78	.11
NO	.02	.02	.03	.03	.03	.02	.03	.03	.01	.01	.01	.01	.01	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03			
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-375.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*																											
2																											
3																											
4																											
5																											
6																											
7*																											
8*																											
9																											
10																											
11																											
12																											
13																											
14*																											
15*																											
16																											
17																											
18																											
19	.05	.05	.04	.04	.07	.12	.13	.17	.12	.11	.10	.09	.07	.09	.06	.04	.06	.04	.05	.08	.08	.06	.06	.05	.075	24	.20
20	.06	.06	.08	.08	.07	.09	.09	.07	.07	.05	.04	.06	.07	.10	.09	.08	.08	.07	.08	.08	.08	.05	.06	.08	.071	24	.13
21*	.09	.06	.06	.07	.07	.08	.07	.04	.06	.06	.05	.05	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05	.05	.06	.058	24	.10
22*	.06	.05	.05	.05	.05	.06	.06	.07	.06	.05	.04	.04	.06	.05	.05	.05	.04	.04	.05	.05	.06	.07	.05	.04	.052	24	.12
23	.05	.05	.07	.10	.17	.19	.24	.13	.06	.04	.05	.06	.06	.07	.05	.05	.04	.04	.05	.07	.08	.09	.07	.10	.082	24	.29
24																											
25									.04	.03	.05	.04	.05	.04	.06	.03	.04	.04	.03	.03	.03	.04	.03	.03	.038	16	.10
26	.03	.01	.02	.03	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.02	.01	.01	.01	.02	.02	.02	.02	.022	24	.08
27	.02	.02	.02	.03	.03	.04	.06	.07	.06	.05	.04	.04	.03	.03	.04	.03	.01	.03	.04	.07	.10	.11	.11	.13	.050	24	.17
28*	.10	.16	.10	.06	.05	.09	.08	.09	.03	.03	.02	.01	.00	.01	.02	.01	.01	.02	.02	.01	.01	.02	.04	.03	.042	24	.20
29*	.04	.04	.03	.03	.03	.06	.06	.07	.04	.05	.06	.04	.02	.01	.01	.02	.02	.02	.03	.03	.05	.03	.05	.05	.037	24	.09
30	.06	.08	.04	.03	.04	.06	.07	.07	.12	.12	.08	.08	.07	.06	.06	.04	.02	.04	.04	.05	.04	.05	.04	.04	.058	24	.16
31	.03	.03	.04	.04	.05	.08	.12	.13	.09	.07		.06	.05	.05	.03	.03	.05	.04	.03	.06	.04	.06	.06	.05	.055	23	.16
MEAN																											
NO	11	11	11	11	11	11	11	11	12	12	11	12	12	12	12	12	12	12	12	12	12	12	12	12		279	
MAX	.10	.16	.10	.10	.17	.19	.24	.17	.12	.12	.10	.09	.07	.10	.09	.08	.08	.07	.08	.08	.10	.11	.11	.13	.082		.29

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-376.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
APRIL 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.04	.04	.04	.06	.05	.06			.08	.10	.08	.04	.06	.05	.04	.03	.02	.02	.03	.04	.06	.12	.15	.06	.057	22	.17
2	.04	.05	.05	.05	.07	.07	.09	.09	.07			.03	.03	.04	.04	.04	.05	.05	.05	.04	.04	.06	.08	.07	.053	22	.13
3	.07	.08	.05	.05	.06	.08	.04	.07	.11	.08			.05	.05	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.051	22	.13
4*	.04	.04	.04	.05	.05	.06	.06	.05	.06	.05	.04	.03	.02	.02	.02	.02	.03	.03	.03	.05	.07	.07	.08	.10	.045	24	.14
5*	.11	.11	.14	.10	.12	.13	.19	.19	.11	.06	.05	.03	.03	.04	.05	.04	.04	.04	.05	.05	.06	.06	.05	.04	.079	24	.25
6	.06	.05	.04	.06	.05	.06	.05	.06	.06	.06	.05	.10	.09	.09	.07	.07	.07	.06	.07	.09	.11	.12	.08	.05	.069	24	.14
7	.05	.04	.04	.06	.08	.05	.08	.08	.08				.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.029	21	.12
8	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.01	.008	24	.04
9	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.01
10	.01	.02	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.09
11*	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	24	.03
12*	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.02
13	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.00	.00	.01	.02	.02	.01	.01	.00	.00	.02	.02	.010	22	.04
14	.03	.01	.01	.01	.02	.01	.03	.02	.02	.03	.01	.01	.02	.01	.01	.01	.02	.01	.02	.03	.02	.01	.02	.02	.016	24	.05
15	.03	.02	.02	.02	.03	.05	.10	.10		.04	.02	.04	.04	.02	.02	.01	.01	.01	.01	.02	.05	.04	.04	.03	.032	23	.17
16	.03	.03	.03	.04	.05	.07	.17	.11	.08	.06	.05	.03	.03	.04	.03	.03	.04	.03	.02	.05	.07	.06	.04	.03	.050	24	.20
17	.03	.03	.03	.04	.03	.03	.04	.08	.07	.03	.03	.07	.05	.02	.02	.02	.02	.03	.04	.08	.04	.07	.04	.04	.041	24	.13
18*	.03	.03	.03	.03	.04	.04	.06	.07	.09	.08	.04	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.01	.035	24	.11
19*	.02	.01	.01	.01	.02	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.02	.03	.02	.02	.03	.03	.02	.02	.03	.025	24	.05
20	.02	.02	.03	.02	.02	.02	.02	.04	.03			.04	.03	.02	.03	.04		.02	.02	.02	.03	.01	.01	.03	.024	21	.06
21	.05	.04	.02	.01	.00	.01	.03	.03	.05	.05	.04	.04	.06	.05		.06	.04	.02	.04	.05	.05	.06	.02	.02	.035	23	.11
22	.02	.02	.03	.02	.04	.05	.06	.09	.08	.08	.05	.05	.05	.06	.08	.07	.15	.12	.09	.09	.06	.06	.06	.06	.063	24	.21
23	.07	.10	.09	.10	.09	.09	.11	.15	.08	.05	.04	.05	.05	.04	.04	.03	.04	.03	.05	.08	.07	.06	.08	.08	.069	24	.22
24	.07	.08	.10	.10	.11	.08	.05	.05	.04	.03	.03	.04	.05	.04	.03	.03	.03	.02	.02	.03	.03	.03	.04	.04	.048	24	.22
25*	.04	.03	.03	.05	.05	.05	.05	.03	.03	.03	.04	.04	.03	.04	.04	.03	.03	.03	.05	.05	.04	.05	.05	.05	.039	24	.08
26*	.06	.05	.04	.05	.05	.07	.11	.14	.08	.04	.03	.03	.03	.02	.02	.02	.02	.03	.03	.02	.01	.02	.04	.04	.043	24	.16
27	.04	.05	.07	.07	.07	.10	.13	.06	.08	.08	.06	.05	.06	.04	.03	.04	.01	.01	.03	.03	.03	.02	.02	.01	.050	24	.20
28	.02	.04	.05	.03	.03	.06	.05	.05		.01	.02	.01			.02	.00	.00	.00	.00	.00	.00	.00	.01	.00	.018	21	.09
29	.00	.00	.00	.00	.00	.00	.01	.00			.04	.03	.02	.03	.04	.04	.02	.02	.02	.02	.01	.01	.01	.01	.014	22	.07
30	.02	.03	.03	.03	.04	.06	.06	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.03	.031	24	.08
MEAN	.03	.04	.04	.04	.04	.05	.06	.06	.05	.04	.03	.03	.03	.03	.03	.03	.03	.02	.03	.03	.03	.04	.03	.03	.036		
NO.	30	30	30	30	30	30	29	29	27	26	26	27	28	29	29	30	29	30	30	30	30	30	30	30		699	
MAX.	.11	.11	.14	.10	.12	.13	.19	.19	.11	.10	.08	.10	.09	.09	.08	.07	.15	.12	.09	.09	.11	.12	.15	.10	.079		.25

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-377.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.06	.05	.04	.04	.05	.07	.08	.08	.10	.08	.04	.04	.05	.05	.07	.07	.06	.03	.03	.03	.03	.03	.02	.02	.051	24	.10
2*	.01	.02	.01	.01	.02	.03	.02	.02	.02	.01	.01	.02	.02	.01	.01	.01	.01	.02	.02	.03	.02	.02	.03	.04	.018	24	.07
3*	.05	.06	.07	.04	.05	.09	.09	.07	.08	.09	.07	.06	.05	.03	.02	.02	.02	.02	.01	.03	.03	.04	.02	.03	.046	24	.10
4	.03	.03	.04	.05	.06	.11	.13	.11	.11	.11	.07	.04		.03	.04	.04	.03	.03	.01	.01	.02	.03	.01	.02	.050	23	.16
5	.03	.04	.07	.04	.07	.11	.13					.02	.03	.03	.04	.03	.02	.02	.03	.03	.04	.04	.03	.03	.044	20	.19
6	.04	.04	.04	.05	.08	.12	.13	.11	.10	.08	.05	.04	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.06	.03	.051	24	.15
7	.04	.04	.04	.05	.04	.05	.08	.09	.05	.05	.05	.06	.06	.04	.04	.05	.06	.04	.06	.04	.04	.03	.04	.04	.048	24	.13
8	.05	.05	.07	.06	.06	.06	.10	.13	.08	.12	.06	.04	.06	.03	.04	.04	.04	.05	.05	.06	.04	.04	.05	.05	.059	24	.20
9*	.04	.04	.03	.03	.03	.03	.05	.05	.04	.05	.04	.03	.03	.03	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.036	24	.08
10*	.03	.04	.04	.03	.04	.05	.05	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.04	.08	.07	.07	.06	.036	24	.14
11	.05	.05	.04	.04	.06	.10	.12	.06		.05	.04	.04	.03	.03	.03	.03	.03	.03	.04	.04	.05	.06	.07	.08	.050	23	.16
12	.08	.08	.07	.07	.06	.08	.13	.12		.06	.04	.05	.05	.04	.06	.04	.06	.05	.05	.07	.04	.04	.05	.05	.062	23	.14
13	.04	.04	.03	.03	.03		.04	.06	.14	.22	.06	.04	.06		.03	.03	.03	.03	.03	.04	.03	.04	.04	.03	.051	22	.26
14	.02	.02	.03	.02	.02	.04	.04	.03	.03	.03	.03	.02	.02	.03	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.027	24	.06
15	.02	.02	.02	.02	.03	.05	.05	.03	.02	.02	.02	.03	.03	.03	.04	.04	.03	.02	.03	.03	.04	.05	.04	.04	.031	24	.11
16*	.04	.04	.05	.04	.04	.05	.05	.04	.05	.05	.04	.04	.04	.03	.03	.02	.03	.02	.03	.04	.05	.03	.03	.04	.037	24	.09
17*	.03	.02	.03	.03	.03	.04	.04	.04	.05	.07	.04	.04	.03	.03	.03	.03	.04	.04	.04	.04	.03	.05	.07	.04	.039	24	.09
18																											
19																											
20	.00	.00	.00	.00	.01	.00	.02	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.00	.01	.01	.01	.03	.02	.02	.007	24	.04
21	.03	.03	.03	.02	.01	.03	.03	.05	.04	.05	.04	.04	.04	.02	.02	.02	.02	.02	.02	.05	.04	.04	.02	.01	.029	24	.07
22	.02	.02	.04	.03	.02	.03	.03	.04	.05	.04	.04	.04	.03	.04	.04	.04	.03	.03	.03	.03	.03	.02	.03	.03	.032	24	.06
23*	.03	.03	.02	.06	.05	.05	.08	.09	.11	.08	.04	.03	.03	.03	.04	.03	.03	.02	.02	.04	.03	.03	.04	.03	.043	24	.14
24*	.03	.03	.03	.05	.04	.04	.04	.05	.06	.05	.05	.03	.03	.03	.02	.03	.03	.02	.03	.06	.04	.05	.02	.02	.036	24	.08
25	.03	.03	.04	.03	.02	.03	.05	.04	.04	.04		.06	.05	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.035	23	.07
26	.03	.03	.04	.05	.04	.06	.06					.02	.01	.01	.01	.02	.01	.01	.02	.01	.03	.02	.01	.02	.026	20	.14
27	.04	.04	.02	.02	.04	.03	.04			.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.02	.02	.028	22	.06
28	.02	.02	.02	.03	.04	.04	.07	.03	.02	.02	.03	.01	.03	.02	.02	.02	.02	.02	.02	.03	.03	.02	.03	.02	.027	24	.12
29	.02	.02	.02	.02	.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.01	.02	.03	.03	.05	.06	.024	24	.07
30*	.07	.07	.05	.06	.06	.06	.09	.07	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.043	24	.10
31*	.03	.03	.02	.02	.04	.05	.04	.04	.04	.05	.05	.03	.03	.04	.03	.02	.02	.03	.02	.02	.03	.02	.03	.05	.032	24	.09
MEAN	.03	.03	.04	.04	.04	.05	.07	.06	.05	.06	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.038		
NO	29	29	29	29	29	28	29	26	24	27	26	29	28	28	29	29	29	29	29	29	29	29	29	29		680	
MAX	.08	.08	.07	.07	.08	.12	.13	.13	.14	.22	.07	.06	.06	.05	.07	.07	.06	.05	.06	.07	.08	.07	.07	.08	.062		.26

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-378.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JUNE 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.05	.05	.05	.05	.07	.06	.06				.01	.03	.03	.04	.04	.05	.06	.05	.04	.05	.07	.06	.07	.07	.050	21	.10
2	.08	.07	.06	.05	.04	.05	.05	.05	.04		.02	.02	.02	.01	.02	.02	.04	.05	.04	.04	.03	.03	.02	.03	.037	23	.08
3	.06	.02	.03	.02	.02	.03	.05	.05	.06	.05	.05	.03	.02	.03	.03	.02	.01	.01	.01	.02	.03	.04	.04	.07	.033	24	.09
4	.06	.05	.05	.03	.03	.03	.05	.06	.04	.03	.03	.02	.02	.03	.03	.03	.02	.02	.02	.03	.04	.06	.05	.08	.037	24	.10
5	.06	.05	.05	.06	.04	.05	.07	.05	.04	.03	.03	.03	.05	.06	.04	.04	.03	.03	.03	.03	.05	.04	.04	.04	.042	24	.07
6*	.03	.04	.03	.03	.02	.02	.02	.03	.04	.04	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.04	.028	24	.07
7*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.03	.027	24	.05
8	.03	.03	.03	.03	.03	.04	.05	.05	.05	.04				.04	.03	.04	.04	.09	.06	.04	.04	.04	.03	.04	.042	21	.12
9	.04	.05	.04	.05	.06	.05	.06	.07		.06	.07	.06	.05	.04	.03	.03	.03	.02	.02	.03	.03	.05	.03	.02	.043	23	.12
10	.02	.02	.03	.03	.04	.04	.04	.04	.05	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.04	.03	.03	.03	.032	24	.07
11	.03	.03	.02	.02	.03	.04	.04	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04	.026	24	.06
12	.06	.07	.09	.07	.07	.06	.08	.17	.13	.09	.05	.04	.05	.04	.03	.04	.05	.04	.05	.05	.05	.06	.05	.05	.064	24	.29
13*	.04	.04	.04	.06	.06	.05	.06	.05	.04	.04	.04	.06	.05	.05	.04	.03	.03	.03	.04	.04	.04	.03	.03	.03	.042	24	.08
14*	.03	.03	.03	.02	.02	.03	.04	.05	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.032	24	.06
15	.04	.04	.04	.04	.04	.05	.05	.08	.06	.05	.04	.05	.04	.03	.03	.03	.03	.02	.02	.02	.03	.03	.02	.03	.037	24	.09
16	.02	.02	.02	.02	.02	.03	.03	.03			.03	.02	.01	.01	.01	.01	.00	.00	.00	.00	.01	.01	.02	.02	.016	22	.04
17	.02	.02	.02	.02	.02	.03	.03			.00	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.02	.03	.03	.04	.016	22	.05
18	.04	.06	.05	.04	.04	.06	.09	.11	.09	.06	.03	.01	.01	.02	.02	.03	.03	.02	.01	.03	.06	.05	.05	.03	.043	24	.15
19	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.01	.02	.02	.020	24	.03
20*	.01	.01	.03	.03	.03	.02	.03	.04	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.04	.03	.02	.03	.023	24	.08
21*	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.03	.05	.05	.04	.03	.02	.03	.02	.02	.02	.02	.02	.02	.01	.024	24	.05
22	.01	.01	.02	.03	.04	.04	.06	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.05	.04	.04	.03	.03	.028	24	.08
23	.02	.02	.02	.02	.02	.02	.02		.06	.07	.06	.04	.03	.03	.03	.02	.02	.01	.01	.01	.01	.01	.02	.01	.025	23	.10
24	.01	.01	.02	.02	.02	.02	.02		.01	.01	.03	.02	.02	.02	.03	.03	.08	.04	.04	.03	.02	.02	.02	.02	.024	23	.13
25	.02	.04	.05	.03	.03	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.04	.03	.03	.021	24	.06
26	.04	.05	.05	.05	.05	.05	.09	.07	.04	.03	.02	.02	.02	.05	.08	.06	.04	.05	.03	.03	.01	.02	.02	.02	.041	24	.13
27*	.02	.03	.02	.01	.02	.03	.04	.06	.05	.04	.02	.02	.02	.02	.02	.03	.02	.02	.01	.02	.05	.03	.04	.02	.028	24	.08
28*	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.03	.004	24	.04
29																											
30																											
MEAN	.03	.03	.03	.03	.03	.04	.04	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.032		
NO	28	28	28	28	28	28	28	24	24	25	27	27	27	28	28	28	28	28	28	28	28	28	28	28		658	
MAX	.08	.07	.09	.07	.07	.06	.09	.17	.13	.09	.07	.06	.05	.06	.08	.06	.08	.09	.06	.05	.07	.06	.07	.08	.064		.29

* Indicates Saturday or Sunday
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TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-379.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01	.01	.01	.01	.01	.03	.04	.04	.03			.02	.01	.00	.02	.00	.00	.01	.00	.00	.01	.01	.01	.01	.013	22	.05
2	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.01	.02	.01	.01	.012	24	.05
3	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.010	24	.04
4*	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.015	24	.02
5*	.01	.01	.01	.02	.02	.02	.03	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.02	.016	24	.04
6	.02	.02	.02	.02	.03	.05	.05	.03	.03	.03	.02	.02	.02			.05	.05	.04	.04	.03	.03	.03	.03	.03	.031	22	.06
7	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04		.02	.03	.07	.03	.03	.03	.03	.03	.03	.03	.04	.032	23	.17
8	.03			.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.029	22	.04
9	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.019	24	.06
10	.02	.02	.02	.02	.02	.02	.03	.05	.05	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.024	24	.05
11*	.02	.02	.02	.01	.01	.01	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.03	.02	.021	24	.03
12*	.03	.03	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.018	24	.05
13	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.017	24	.03
14	.02	.02	.02	.02	.02	.02	.02			.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.007	22	.03
15	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	24	.01
16	.00	.00	.00	.00	.00	.00	.01	.04	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.05
17	.01	.01	.02	.03	.03	.03	.05	.06	.04	.02	.02	.02	.02	.01	.01	.01	.01	.03	.02	.01	.01	.01	.01	.01	.022	24	.08
18*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.02	.01	.01	.009	24	.04
19*	.01	.01	.01	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.006	24	.03
20																											
21																											
22																											
23											.02	.03	.03	.02	.01	.01	.01	.01	.02	.01	.02	.01	.01	.01	.015	14	.03
24	.01	.01	.02	.01	.01	.01	.01	.02	.02	.03	.02	.03	.04	.04	.04	.05	.05	.04	.05	.06	.06	.06	.03	.02	.031	24	.07
25*	.02	.04	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.06	.06	.06	.06	.05	.03	.04	.04	.05	.03	.02	.043	24	.07
26*	.02	.01	.01	.01	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.04	.02	.04	.020	24	.05
27																											
28																											
29																											
30																											
31	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01				.01	.01	.01	.01	.00	.00	.00	.02	.03	.00	.005	21	.06
MEAN	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.018		
NO.	23	22	22	23	23	23	23	22	22	22	23	23	22	22	23	24	24	24	24	24	24	24	24	24		554	
MAX.	.03	.04	.05	.04	.04	.05	.05	.06	.05	.04	.05	.05	.05	.06	.06	.07	.06	.05	.05	.06	.06	.06	.03	.04	.043		.17

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-380.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
AUG. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.03
2*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.01	.004	24	.05
3	.01	.01	.01	.02	.01	.01	.04	.04	.04	.03	.02	.01	.00	.05	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.013	24	.09
4	.00	.00	.00	.00	.00	.00	.01	.02						.00	.00	.00	.00	.00		.00	.01	.00	.01	.00	.003	18	.04
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.002	24	.05
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.04	.005	23	.04
7	.02	.01	.04	.02	.02	.03	.03	.04	.04	.05	.03	.00	.00	.00	.00	.02	.02	.01	.02	.01	.07	.02	.01	.01	.021	24	.12
8*	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.03	.01	.00	.00	.00	.00	.01	.00	.00	.00	.004	24	.05
9*	.00	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.005	24	.03
10	.03	.03	.03	.03	.04	.05	.03	.03	.06	.06	.09	.06	.03	.02	.01	.02	.01	.02	.02	.01	.05	.05	.01	.00	.032	24	.14
11	.00	.00	.00	.00	.00	.00	.00	.02	.03	.03	.01	.02	.05	.01	.00	.01	.02	.03	.00	.00	.00	.03	.01	.00	.011	24	.09
12	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.001	22	.02
13	.00	.00	.00	.00	.00	.00	.02	.04	.02	.01	.01	.00	.00	.02	.01	.01	.01	.00	.01	.01	.02	.03	.02	.01	.010	24	.06
14	.01	.01	.04	.05	.04	.03	.03	.03	.03	.03	.02	.02	.03	.03	.02	.01	.01	.01	.01	.02	.03	.03	.04	.03	.024	24	.06
15*	.04	.03	.04	.07	.03	.04	.06	.15	.09	.06	.03	.01	.00	.01	.01	.01	.02	.02	.02	.02	.04	.03	.01	.01	.035	24	.20
16*	.01	.01	.01	.02	.02	.01	.02	.02	.05	.01	.00	.00	.00	.01	.01	.01	.00	.00	.01	.00	.00	.00	.00	.00	.009	24	.08
17	.00	.01	.01	.01	.01	.01	.01	.04	.03	.03		.03	.03	.04	.04	.04	.04	.03	.04	.05	.06	.03	.03	.03	.027	23	.06
18	.03	.02	.02	.02	.02	.02	.06	.09		.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.04	.021	23	.11
19	.02	.01	.01	.01	.01	.03	.03	.03				.01	.01	.01	.01	.01	.00	.00	.00	.01	.02	.02	.02	.02	.013	21	.06
20	.02	.02	.02	.03	.03	.02	.02	.04	.03	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.017	24	.05
21	.02	.01	.01	.01	.01	.01	.02	.03	.06	.04	.03	.04	.04	.03	.02	.01	.01	.01	.01	.02	.04	.04	.01	.03	.023	24	.09
22*	.04	.04	.02	.03	.03	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.01	.01	.01	.02	.03	.04	.01	.03	.02	.022	24	.09
23*	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.03
24	.02	.03	.03	.03	.04	.06	.07	.05	.04	.03	.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.05	.07	.04	.03	.031	24	.08
25	.02	.03	.02	.02	.02	.03	.03	.03	.03	.04		.04	.03	.03	.03	.02	.01	.02	.03	.01	.07	.06	.06	.02	.029	23	.09
26	.02	.02			.01	.01	.03		.06	.05	.04	.03	.03	.03	.03	.02	.02	.02	.02	.03	.03	.02	.03	.02	.027	21	.08
27	.03	.04	.03	.04	.05	.06	.07	.08	.05	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.032	24	.08
28	.02	.02	.02	.02	.03	.03	.03	.03	.05	.05	.03	.03	.04	.03	.03	.03	.02	.02	.03	.03	.02	.02	.02	.02	.027	24	.06
29*	.01	.01	.01	.01	.01	.03	.02	.04	.04	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.023	24	.05
30*	.03	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.01	.03	.02	.03	.03	.03	.02	.02	.02	.022	24	.04
31	.02	.02	.02	.02	.02	.02	.03	.02	.02	.03	.02	.03	.03	.04	.05	.03	.02	.02	.04	.02	.02	.02	.03	.03	.026	24	.08
MEAN	.01	.01	.01	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.017		
NO.	31	31	30	29	30	31	31	30	28	29	26	30	30	31	31	31	31	31	30	31	31	31	31	31		726	
MAX.	.04	.04	.04	.07	.05	.06	.07	.15	.09	.06	.09	.06	.05	.05	.05	.04	.04	.03	.04	.05	.07	.07	.06	.04	.035		.20

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-381.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.04	.04	.04	.03	.02	.02	.03	.03				.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.019	21	.04
2	.01	.01	.01	.02	.01	.01	.03			.06	.05	.05	.04	.03	.02	.02	.02	.02	.02	.04	.04	.02	.03	.06	.027	22	.06
3	.06	.06	.03	.04	.04	.05	.05	.05	.03	.03	.02	.02	.02	.02	.02	.03	.04	.03	.03	.04	.04	.04	.04	.04	.036	24	.07
4	.03	.03	.02	.03	.03	.03	.03	.03	.04	.04	.05	.04	.03	.03	.02	.02	.02	.03	.04	.03	.03	.05	.03	.03	.032	24	.07
5*	.02	.02	.02	.02	.02	.02	.03	.02	.05	.05	.04	.04	.04	.04	.03	.03	.02	.04	.04	.04	.04	.04	.03	.03	.032	24	.09
6*	.03	.03	.02	.02	.03	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.017	24	.04
7	.02	.03	.03	.03	.02	.03	.03	.04	.05	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.026	24	.06
8	.02	.02	.02	.01	.02	.02	.03	.04		.07	.06	.04	.04	.03	.04	.04	.02	.02	.01	.01	.03	.03	.05	.02	.029	23	.08
9	.02		.02	.02	.03	.03	.02	.03	.04	.03	.10	.10	.07	.05	.04	.06	.06	.02	.01	.02	.05	.03	.01	.02	.037	23	.20
10	.02	.01	.01	.03	.02	.02	.02	.02	.04	.05	.03	.04	.02	.02	.02	.01	.02	.01	.02	.02	.02	.02	.02	.03	.022	24	.09
11	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	24	.03
12*	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.015	24	.02
13*	.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.023	23	.03
14		.05	.05	.05	.05	.05	.07	.07	.08	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.07	.06	.06	.05	.05	.050	23	.12
15																											
16																											
17									.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.005	16	.05
18	.00	.00	.00	.00	.00	.01	.01	.01	.01	.02	.03	.03	.02	.04	.02	.01	.01	.01	.00	.01	.01	.01	.03	.01	.012	24	.07
19*	.01	.01	.01	.01	.01	.01	.02	.04	.03	.02	.03	.03	.01	.01	.01	.01	.03	.02	.01	.01	.00	.00	.00	.00	.014	24	.04
20*	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.009	24	.02
21	.01	.01	.03	.04	.05	.06	.07	.07	.07	.06	.06	.06	.06	.05	.06	.06	.05	.04	.04	.08	.08	.04	.04	.06	.051	24	.10
22	.06	.06	.04	.04	.04	.04	.06	.05	.04	.03	.03	.03	.04	.03	.03	.03	.02	.02	.03	.03	.04	.05	.05	.05	.039	24	.07
23	.05	.05	.04	.05	.05	.08	.10	.10	.07	.04	.05	.04	.07	.04	.03	.03	.04	.04	.05	.03	.05	.05	.04	.03	.050	24	.12
24	.03	.03	.03	.04	.05	.06	.07	.07	.06			.01	.01	.01	.01	.02	.01		.01	.01	.01	.01	.01	.01	.027	21	.09
25	.01	.01	.01	.03	.03	.03	.06	.06	.04	.02	.03	.02	.03	.03	.03	.02	.01	.01	.03	.04	.05	.05	.05	.05	.030	24	.09
26*	.05	.04	.04	.04	.04	.05	.07	.11	.12	.08	.05	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.03	.042	24	.13
27*	.03	.03	.03	.03	.03	.03	.05	.05	.05	.04	.03	.02	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.030	24	.09
28	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.04	.08	.06	.05	.04	.05	.03	.05	.05	.05	.05	.05	.06	.06	.040	24	.11
29	.06	.04	.06	.06	.07	.09	.10	.08	.09	.08	.10	.10		.07	.08	.09	.07	.09	.05	.07	.07	.06	.05	.05	.072	23	.13
30	.04	.05	.04	.05	.05	.06	.06	.06	.06	.05	.04	.06	.04			.04	.03	.04	.04	.05	.05	.05	.05	.06	.047	22	.09
MEAN	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.031		
NO.	26	26	27	27	27	27	27	26	25	26	26	28	27	27	27	28	28	27	28	28	28	28	28	27		649	
MAX.	.06	.06	.06	.06	.07	.09	.10	.11	.12	.08	.10	.10	.07	.07	.08	.09	.07	.09	.05	.08	.08	.06	.06	.06	.072		.20

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-382.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

WASHINGTON, D.C.

SULFUR DIOXIDE
OCT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.07	.08	.10	.11	.11	.15	.22	.22	.19	.13	.09	.06	.05		.02	.03	.03	.03	.02	.03	.03	.02	.02	.01	.079	23	.24
2	.02	.02	.02	.02	.01	.02	.04	.03	.03	.03	.04	.06	.06	.08	.08	.04	.03	.04	.02	.02	.03	.03	.02	.03	.033	24	.16
3*	.02	.02	.01	.01	.01	.03	.04	.06	.05	.03	.02	.02	.02	.03	.02	.01	.01	.02	.02	.04	.03	.02	.03	.03	.024	24	.07
4*	.02	.03	.02	.03	.02	.02	.02	.05	.04	.03	.03	.03	.03	.02	.03	.03	.03	.05	.06	.10	.05	.04	.05	.03	.036	24	.13
5	.03	.02	.03	.02	.02	.04	.07	.09	.06	.08	.08	.05	.05	.05	.03	.03	.03	.05	.08	.10	.10	.12	.14	.11	.062	24	.17
6	.09	.05	.06	.06	.08	.13	.23	.23	.14	.11	.08	.06	.04	.03	.03	.03	.03	.06	.08	.12	.09	.09	.11	.08	.087	24	.29
7	.05	.04	.04	.06	.06	.09	.10	.10			.02	.02	.01	.01	.01	.01	.01	.03	.06	.07	.08	.12	.15	.18	.060	22	.19
8	.14	.12	.13	.12	.15	.20	.22	.27	.25	.21	.11	.05	.04	.03	.02	.02	.01	.02	.04	.05	.06	.07	.10	.06	.103	24	.29
9	.02	.06	.05	.07	.13	.18	.22	.33	.30	.12	.09	.01	.01	.03	.01	.02	.01	.02	.05	.02	.01	.01	.01	.01	.074	24	.48
10*	.01	.02	.02	.03	.02	.02	.04	.05	.03	.03	.04	.03	.02	.02	.01	.01	.01	.03	.02	.03	.04	.03	.02	.02	.025	24	.09
11*	.01	.03	.04	.05	.05	.05	.06	.05	.03	.03	.01	.02	.01	.01	.01	.01	.02	.01	.05	.11	.14	.11	.12	.11	.047	24	.16
12	.09	.09	.09	.09	.09	.10	.13	.11	.11	.06	.06	.06	.05	.02	.04	.03	.04	.07	.09	.12	.10	.05	.06	.07	.076	24	.18
13	.07	.06	.07	.11	.10	.18	.19	.16	.22	.24	.16	.05	.04	.04	.04	.04	.03	.05	.08	.11	.10	.09	.09	.11	.101	24	.37
14	.11	.10	.10	.08	.08	.17	.23	.28	.16	.04	.03	.04	.03	.03	.03	.02	.02	.04	.06	.08	.08	.08	.08	.11	.086	24	.36
15	.09	.07	.08	.09	.10	.12	.16	.28	.39	.27	.29	.17							.04	.03	.07	.07	.11	.12	.141	18	.49
16	.07	.06	.05	.05	.06	.11	.12	.16	.14	.06	.03	.02	.02	.02	.02	.04	.06	.05	.04	.02	.01	.01	.02	.02	.053	24	.18
17*	.02	.03	.02	.02	.03	.02	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.015	24	.03
18*	.03	.03	.03	.03	.04	.06	.07	.05	.07	.05	.05	.04	.04												.044	13	.08
19										.06	.07	.08	.11	.09	.07	.05	.05	.06	.06	.10	.12	.08	.06	.07	.076	15	.15
20	.05	.05	.07	.05	.08	.13	.21	.20	.18	.15	.13	.12	.11	.07	.05	.05	.05	.06	.09	.11	.11	.09	.07	.07	.098	24	.25
21	.08	.08	.08	.08	.13	.11	.21	.21	.14	.10	.04	.04	.04	.04	.04	.04	.05	.06	.05	.06	.08	.07	.05	.07	.081	24	.34
22	.07	.06	.08	.09	.11	.18	.25	.18	.13	.10	.10	.07	.07	.06	.05	.04	.04	.06	.12	.11	.11	.08	.10	.11	.098	24	.31
23	.09	.13	.15	.16	.20	.30	.40	.41	.24	.14	.10	.07	.07	.03	.02	.02	.02	.03	.06	.09	.07	.07	.11	.09	.128	24	.47
24*	.11	.12	.11	.10	.15	.21	.34	.27	.14	.10	.04	.02	.01	.03	.02	.03	.03	.04	.06	.06	.06	.08	.11	.11	.097	24	.45
25*	.13	.12	.12	.08	.11	.10	.12	.20	.17	.15	.11	.04	.02	.02	.06	.02	.03	.04	.10	.09	.09	.08	.06	.05	.087	24	.33
26	.05	.07	.08	.08	.08	.10	.12	.21	.46	.33	.15	.08	.10	.08	.06	.03	.03	.03	.07	.06	.05	.07	.07	.06	.104	24	.87
27	.06	.05	.06	.06	.09	.07	.08	.09	.11	.15	.17	.12	.05	.05	.05	.04	.03	.04	.04	.06	.04	.05	.05	.05	.068	24	.23
28	.03	.03	.03	.05	.06	.07	.09	.10	.10	.06	.07	.06	.04	.03	.03	.03	.02	.04	.06	.05	.07	.08	.04	.05	.053	24	.17
29	.05	.05	.06	.04	.05	.06	.06	.07	.09	.09	.09	.12	.09	.06	.05	.03	.04	.04	.05	.05	.07	.07	.08	.09	.064	24	.15
30																											
31*																											
MEAN	.06	.06	.06	.06	.08	.11	.15	.16	.15	.11	.08	.06	.04	.04	.03	.03	.03	.04	.06	.07	.07	.06	.07	.07	.072		
NO.	28	28	28	28	28	28	28	28	27	28	29	29	28	26	27	27	27	27	28	28	28	28	28	28		667	
MAX	.14	.13	.15	.16	.20	.30	.40	.41	.46	.33	.29	.17	.11	.09	.08	.05	.06	.07	.12	.12	.14	.12	.15	.18	.141		.87

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-383.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1*											.07	.05	.02	.04	.04	.05	.07	.04	.07	.08	.09	.10	.12	.10	.067	14	.14
2	.10	.10	.11	.14	.22	.25	.25	.35	.62	.48	.23	.16	.18	.23	.13	.08	.06	.09	.14	.18	.22	.18	.13	.16	.199	24	.73
3	.17	.19	.24	.25	.27	.26	.29	.25	.19	.17						.02	.01	.03	.05	.09	.13	.21	.15	.19	.165	19	.35
4	.18	.14	.15	.17	.11	.10	.15	.29	.30	.17	.09	.08	.10	.09	.08	.14	.14	.15	.18	.17	.14	.15	.17	.19	.150	.24	.34
5	.20	.12	.10	.08	.18	.13	.17	.16	.25	.22	.16	.14	.10	.09	.06	.05	.05	.04	.05	.03	.03	.02	.02	.01	.102	24	.34
6	.01	.01	.01	.00	.01	.02	.08	.15	.13	.11	.09	.11	.10	.09	.06	.02	.04	.04	.08	.09	.10	.08	.09	.13	.068	24	.19
7*	.13	.15	.22	.20	.20	.21	.19	.16	.17	.16	.10	.05	.04	.04	.03	.02	.07	.11	.11	.10	.15	.14	.13	.16	.125	24	.26
8*	.16	.14	.13	.11	.13	.18	.17	.40	.51	.42	.42	.20	.14	.09	.05	.07	.22	.21	.16	.18	.27	.33	.27	.27	.218	24	.56
9	.26	.18	.17	.11	.12	.19	.23	.38	.26	.16	.08	.08	.09	.09	.06	.06	.09	.12	.18	.25	.28	.28	.18	.12	.167	24	.46
10	.12	.10	.10	.12	.20	.16	.15	.18	.23	.25		.07	.05	.04	.04	.04	.05	.07	.07	.06	.07	.05	.05	.05	.100	23	.36
11	.05	.07	.09	.04	.04	.07	.15	.11	.15	.14	.15	.19	.16	.12	.06	.04	.04	.06	.07	.08	.04	.04	.06	.05	.085	24	.25
12	.05	.04	.04	.06	.06	.07	.13	.17	.11	.09	.12	.12	.08	.06				.06	.01	.01	.02	.01	.03	.04	.065	21	.19
13	.03						.02	.05	.03	.05	.03	.03	.02							.01	.01	.01	.01	.01	.023	13	.10
14*	.01	.02	.01	.02	.03	.06	.04	.04	.05	.04	.02	.02	.02	.01	.01	.01		.03	.03	.06	.08	.08	.08	.08	.037	23	.14
15*	.10	.07	.10	.10	.10	.09	.08	.14	.09	.09	.08	.05	.05	.04	.03	.02	.02	.04	.07	.07	.08	.05	.03	.02	.066	24	.29
16	.01	.01	.03	.03	.04	.06	.06	.07	.09	.09	.05	.07	.05	.05	.06	.09	.06	.07	.07	.07	.05	.03	.02	.01	.051	24	.16
17	.01	.01	.01	.01	.01	.02	.06	.09	.07	.05	.06	.04	.04	.03	.03	.02	.03	.04	.07	.10	.06	.07	.10	.10	.046	24	.16
18	.10	.08	.05	.04	.03	.03	.07	.11	.09	.10	.09	.08	.07	.05	.05	.04	.04	.05	.08	.07	.07	.08	.06	.05	.065	24	.18
19	.09	.06	.07	.07	.07	.07	.05	.06	.07	.08	.07	.08	.08	.08	.07	.07	.12	.14	.08	.07	.07	.06	.07	.04	.074	24	.22
20	.05	.09	.04	.04	.06	.08	.09	.10	.08		.04	.04	.03	.04	.04	.03	.02	.03	.05	.07	.06	.09	.12	.06	.058	23	.38
21*	.05	.08	.08	.04	.05	.07	.13	.06	.04	.01	.01	.00	.00	.01	.00	.00	.01	.01	.01	.01	.01	.03	.03	.02	.031	24	.21
22*	.01	.02	.01	.03	.02	.04	.05	.05	.05	.03	.05	.03	.02	.02	.01	.02	.03	.05							.030	18	.10
23									.37	.24	.10	.08	.05	.05	.04	.04	.03	.03	.08	.10	.06	.10	.10	.11	.100	16	.40
24	.11	.10	.12	.14	.23	.31	.29	.32	.38	.27	.25	.19	.06	.05	.04	.04	.04	.06	.06	.08	.09	.11	.04	.07	.143	24	.39
25	.09	.07	.08	.06	.05	.06	.07	.06	.06			.06	.07	.07	.03	.03	.03	.03	.03	.06	.03	.04	.03	.04	.052	22	.11
26	.03	.02	.03	.04	.05	.04	.05	.05	.05	.06	.04	.03	.03	.03	.04	.04	.06	.09	.11	.11	.13	.13	.12	.07	.059	24	.16
27	.08	.05	.05	.06	.07	.08	.12	.16	.16	.15	.08	.08	.06	.06		.03	.02	.04	.04	.06	.09	.07	.07	.06	.075	23	.20
28*	.02	.05	.07	.07		.06		.06		.06	.03	.01	.02	.01	.02	.04		.05	.07	.07	.06	.03	.05	.06	.044	20	.11
29*	.04	.02	.02	.01	.01	.01	.03	.04	.04	.04	.03	.03	.03	.01	.01	.02	.02	.05	.02	.04	.04	.03	.05	.06	.028	24	.07
30	.05	.05	.04	.04	.03	.05	.07	.06	.06	.06	.05	.10	.10	.11	.09	.07	.05	.05	.04	.04	.04	.03	.03	.02	.054	24	.13
MEAN	.08	.08	.08	.08	.09	.10	.12	.15	.17	.14	.10	.08	.06	.06	.04	.04	.05	.06	.07	.08	.09	.09	.08	.08	.086		
NO	28	27	27	27	26	27	27	28	28	27	27	29	29	28	26	28	26	29	28	29	29	29	29	29		667	
MAX	.26	.19	.24	.25	.27	.31	.29	.40	.62	.48	.42	.20	.18	.23	.13	.14	.22	.21	.18	.25	.28	.33	.27	.27	.218		.73

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-384.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON.D.C.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
DEC. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.02	.02	.02	.02	.03	.07	.10	.08	.08	.08	.08	.07	.06	.07	.08	.07	.07	.08	.06	.07	.07	.08	.07	.06	.062	24	.12
2	.06	.07	.09	.10	.10	.14	.22	.18	.14	.13	.11	.13	.09	.08		.08	.12	.10	.14	.16	.13	.13	.11	.08	.117	23	.25
3	.07	.06	.05	.05	.05	.05	.07	.08	.07	.06	.06	.07	.08	.09	.12	.16	.16	.16	.12	.11	.10	.10	.09	.09	.088	24	.20
4	.11	.12	.12	.09	.11	.12	.13	.10	.12	.11	.12	.12	.06	.04	.04	.08	.22	.17	.26	.23	.11	.11	.14	.18	.125	24	.33
5*	.14	.13	.08	.09	.07	.06	.07	.06	.06	.05	.06	.08	.12	.11	.12	.11	.11	.10	.09	.06	.05	.05	.05	.04	.081	24	.18
6*	.03	.03	.04	.05	.04	.04	.04	.04	.04	.04	.08	.06	.06	.04	.05	.05	.05	.06	.05	.06	.07	.07	.06	.07	.050	24	.09
7	.06	.06	.05	.06	.08	.10	.13	.09	.11	.13	.09	.08	.08	.08	.07	.06	.06	.06	.06	.07	.09	.15	.21	.14	.090	24	.23
8	.15	.12	.11	.12	.14	.13	.11	.12	.11	.09	.08	.10	.08	.08	.09	.07	.10	.13	.13	.17	.11	.10	.06	.10	.108	24	.21
9	.12	.12	.12	.11	.10	.14	.17	.17	.18	.19	.13	.13	.13	.14	.10	.08	.08	.09	.11	.13	.15	.15	.14	.15	.128	24	.23
10	.17	.15	.17	.19	.21	.26	.30	.30	.30	.23	.18	.13	.13	.10	.09	.10	.10	.11	.12	.12	.10	.14	.15	.12	.164	24	.38
11	.11	.09	.09	.07	.10	.11	.11	.12	.11		.08	.08	.10	.04	.06	.06	.09	.11	.05	.08	.05	.07	.07	.05	.082	23	.15
12*	.05			.08	.09	.13	.13	.11				.04	.04					.03	.04	.06	.04		.05		.067	13	.15
13*																											
14		.02	.02	.02	.02	.05	.12				.08	.07	.06	.06		.07			.07		.05	.05		.05	.055	15	.16
15																											
16																											
17																											
18									.11	.10	.10	.09	.11	.09	.10		.07	.06	.08	.07	.07	.08	.11	.10	.089	15	.13
19*	.08	.07	.07	.06	.07	.10	.11	.12	.12	.17	.20	.19	.11	.06	.06	.06	.07	.14	.11	.12	.15	.13	.10	.08	.106	24	.27
20*	.09	.08	.08	.07	.05	.05	.08	.09	.07	.08	.09	.06	.09	.12	.09	.08	.07	.08	.12	.12	.10	.10	.07	.07	.082	24	.15
21	.08	.07	.08	.09	.19	.21	.24	.26	.26	.18	.07	.06	.06				.05	.05	.05	.06	.05	.07	.05	.06	.109	21	.30
22	.08	.06	.06	.05	.06	.10	.13	.14	.14	.16	.10	.07	.06	.08	.10	.12	.11	.08	.08	.10	.15	.15	.08	.08	.097	24	.19
23	.08	.10	.08	.08	.08	.08	.08	.12		.05	.01	.03	.01	.01	.00	.03	.05	.04	.03	.01	.07	.07	.06	.08	.053	23	.17
24	.06	.03	.03	.04	.06	.05	.05	.05	.04	.05	.02	.02	.03	.03	.04	.07	.07	.03	.04	.04	.05	.04	.05	.05	.043	24	.10
25	.05	.04	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.03	.04	.05	.04	.04	.06	.018	24	.08
26*	.02	.02	.02	.00	.00	.01	.01	.00	.01	.00	.00	.00	.01	.03	.01	.03	.02	.00	.01	.02	.04	.03	.04	.05	.015	24	.05
27*	.04	.04	.05	.02	.03	.03	.04	.04	.04	.06	.03	.02	.01	.01	.01	.01	.02	.02	.02	.02	.01	.02	.02	.02	.025	24	.07
28	.02	.02	.01	.02	.02	.04	.06	.08	.09	.08	.06			.06	.04	.04	.06	.06	.05	.07	.06	.07	.08	.07	.052	22	.14
29	.08	.08	.07	.07	.08	.08	.09	.13	.18	.17	.15	.14	.12	.14	.12	.12	.12	.12	.18	.16	.18	.13	.09	.10	.120	24	.24
30	.11	.06	.07	.08	.08	.08	.09	.13	.11	.11	.11	.12	.17		.12	.15	.16	.10	.13	.15	.12	.10	.10	.08	.109	23	.25
31	.08	.02	.00	.00	.01	.02	.07	.10	.08	.06	.07	.07	.05	.04	.05	.05	.03	.04	.04	.05	.05	.07	.08	.08	.050	24	.11
MEAN	.08	.07	.06	.06	.07	.09	.10	.11	.11	.10	.08	.08	.07	.07	.07	.07	.08	.08	.08	.09	.08	.09	.08	.08	.081		
NO.	25	25	25	26	26	26	26	25	24	24	26	26	26	24	23	24	25	26	27	26	27	26	26	26		610	
MAX.	.17	.15	.17	.19	.21	.26	.30	.30	.30	.23	.20	.19	.17	.14	.12	.16	.22	.17	.26	.23	.18	.15	.21	.18	.164		.38

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-385.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.3	3.2	3.3	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.07	24	6.0
2	3.0	3.0	3.0	3.0	3.0	3.0	3.1	4.0	3.5	3.0	3.0	3.0	3.0	3.0	5.4	3.8	3.6	3.8	3.7	3.8	3.0	3.0	3.0	3.0	3.31	24	7.0
3	3.0	3.0	3.0	3.0	3.0	3.2	3.0	3.4	4.0	4.0	3.3	3.2	3.0	3.0	3.2	3.3	3.0	3.5	3.0	4.1	3.3	4.0	4.0	4.1	3.35	24	7.0
4*	3.3	3.1	3.0	3.3	3.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.05	24	5.0
5*	3.3	3.0	3.0	3.4	3.3	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.4	4.8	5.3	4.2	4.0	3.8	3.40	24	6.0
6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	4.0
7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.4	3.1	3.0	3.0	3.0	2.6	3.0	3.0	3.0	3.0	3.3	3.8	3.2	3.2	3.0	3.1	3.07	24	5.0
8	3.0	3.0	3.0	3.0	3.0	3.0			3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.03	22	4.0
9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.6	4.6	4.4	4.3	4.1	3.8	4.6	4.2	3.4	3.8	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.46	24	6.0
10	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	23	3.0
11*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.3	4.2	4.8	5.0	4.1	4.0	3.31	24	6.0
12*	3.7	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.2	3.0	3.3	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.06	24	4.0
13	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0			3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	22	3.0
14	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.05	24	9.0
15	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.4	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.9	3.3	3.3	3.0	3.3	3.0	3.0	3.09	24	4.0
16	3.3	3.0	3.0	3.4	3.5	4.0	4.2	4.3	4.8	4.0	3.9	3.8	3.6	3.6	3.3	3.5	4.3	4.6	4.4	4.0	4.0	4.3	4.4	4.1	3.88	24	6.0
17	4.0	4.0	4.1	4.0	4.2	4.9	3.3	5.6	4.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.3	3.5	3.9	4.4	4.0	4.1	3.8	3.72	24	7.0
18*	3.9	4.0	3.3	6.1	8.2	7.4	7.1	6.7	5.6	4.1	3.4	3.4	3.0	3.0	3.1	3.1	4.1	5.0	9.4	12.8	12.3	14.6	12.3	12.4	6.58	24	17.0
19*	9.6	10.3	12.0	12.5	11.3	9.2	6.3	5.4	4.3	4.0	4.0	4.1	4.8	4.7	4.3	4.1	4.5	6.5	4.9	3.6	3.0	3.0	3.0	3.0	5.92	24	14.0
20	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.8	3.8	3.5	3.4	3.6	3.4	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.17	24	5.0
21	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.0	3.3	4.1	5.1	6.0	4.0	3.0	3.0		3.35	23	8.0
22	3.0	3.3	4.1	4.9	6.7	6.8	8.1	11.3	14.0	4.5	3.3	3.0	2.4					3.3	3.8	3.9	4.1	4.0	4.0	4.0	5.11	20	17.0
23	4.0	4.0	4.2	4.0	4.0	4.0	4.0	4.5	5.6	4.0	3.0	3.0	3.0	3.0	3.9	3.0	3.3	3.6	3.0	3.2	3.8	3.5	3.2	3.0	3.64	24	6.0
24	3.0	3.0	3.0	3.0	3.0	3.0	3.5	4.3	4.4	4.4	4.0	4.0	3.2	3.0		3.2	3.5	3.9	4.1	4.0	4.0	3.0	3.6	3.0	3.52	23	5.0
25*	3.0	3.0	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.01	24	5.0
26*	3.0	3.0	3.0	2.7	2.2	2.6	2.2	2.9	2.8	2.8	3.0	2.9	2.6	2.9	2.5	2.8	2.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.81	24	3.0
27	3.0	3.0	3.0	3.1	3.0	3.0	3.3	4.8	5.3	4.7	3.7	3.0	3.0	3.0	3.0	3.0	3.9	3.9	3.5	3.3	3.1	3.3	4.0	4.3	3.50	24	8.0
28	3.8	3.3	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.04	24	5.0
29	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.4	3.0	3.1	3.0	3.0	3.0	3.0	3.02	24	4.0
30	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.3	4.7	3.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.1	3.0	3.8	3.19	24	6.0
31	3.3	3.8	4.6	4.6	4.2	5.2	5.0	5.3	4.3	3.9	3.6	3.1	3.0	3.0	3.0	3.0	3.3	3.3	3.1	3.0	3.0	3.0	3.0	3.1	3.64	24	6.0
MEAN	3.4	3.4	3.5	3.6	3.7	3.7	3.6	4.0	4.0	3.5	3.2	3.2	3.1	3.1	3.3	3.1	3.3	3.5	3.6	3.8	3.6	3.7	3.6	3.6	3.49		
NO	31	31	31	31	31	31	30	30	31	31	31	31	31	28	28	30	30	31	31	31	31	31	31	30		733	
MAX	9.6	10.3	12.0	12.5	11.3	9.2	8.1	11.3	14.0	4.7	4.3	4.1	4.8	4.7	5.4	4.1	4.5	6.5	9.4	12.8	12.3	14.6	12.3	12.4	6.58		17.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-386.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
FEB. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	3.0	3.0	3.0	3.6	3.8	3.8	3.0	3.1	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.10	24	5.0
2*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
4	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.4	4.0			3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.4	4.3	4.5	3.22	22	5.0
5	4.8	4.0	4.0	4.0	4.0	4.0	4.0	4.7	5.6	4.8	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.4	3.8	4.0	4.0	4.3	3.8	3.6	3.82	24	6.0
6	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.6	2.99	24	4.0
7	2.3	2.6	3.0	3.0	2.4	2.0	2.3	3.2	3.5	3.1	3.0	3.0	3.0	3.0	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.2	2.5	2.83	24	4.0
8*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.1	2.2	2.0	2.1	2.6	2.9	3.0	3.0	2.17	24	3.0
9*	2.9	2.9	3.0	3.0	3.0	2.7	3.0	3.0	2.6	2.3	2.3	2.1	2.0	2.3	2.5	2.0	2.2	2.4	3.0	3.0	3.0	2.9	2.9	3.0	2.66	24	3.0
10	3.0	2.6	2.2	2.2	2.1	2.0	2.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.81	24	3.0
11	3.0	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.99	24	4.0
12	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6	2.0	2.0	2.0	2.4	2.7	3.0	3.0	3.0	3.1	3.7	3.3	3.7	3.3	2.90	24	4.0
13	3.3	3.8	3.2	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.4	3.1	3.0	3.0	3.0	3.0	3.0	3.09	24	4.0
14	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	2.3	2.0	2.0	2.0	2.2	2.1	2.3	2.9	3.0	3.0	3.0	3.0	3.0	2.73	23	3.0
15*	3.0	3.0	3.0	3.8	4.0	4.3	5.0	4.8	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6	2.7	2.4	2.6	2.3	2.6	2.3	3.15	24	7.0
16*	2.6	2.7	2.0	2.0	2.0	2.0	2.0	2.8	2.1	2.0	2.1	2.5	2.2	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.12	24	3.0
17	2.0	2.0	2.0	2.0	2.0	2.0	2.7	3.0	3.0	3.0	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.72	24	3.0
18	3.1	3.0	3.0	2.8	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.4	3.1	3.0	3.0	3.0	3.0	3.0	2.9	2.2	2.0	2.0	2.3	2.5	2.83	24	4.0
19	2.1	2.0	2.1	2.1	2.0	2.1	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.75	24	3.0
20	3.0	3.0	3.0	3.0	2.9	2.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.96	24	3.0
21	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
22*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
23*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.02	24	4.0
24	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.7	3.4	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.05	24	4.0
25	3.0	3.2	3.0	3.0	3.0	3.0	3.3	3.6	3.8	3.0	3.0	3.0	3.0	3.2	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.08	24	4.0
26	3.6	4.0	4.8	4.2	4.4	4.6	3.8	4.0	3.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.43	24	5.0
27	3.0	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.6	3.1	3.0	3.0	3.03	23	4.0
28	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
29*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.00	24	4.0
MEAN	3.0	3.0	2.9	3.0	3.0	2.9	3.0	3.2	3.1	3.0	2.9	2.9	2.8	2.9	2.9	2.9	2.9	2.9	3.0	2.9	3.0	3.0	3.0	3.0	2.95		
NO	29	29	29	29	29	29	29	29	29	27	28	28	29	29	29	29	29	29	29	29	29	29	29	29		692	
MAX	4.8	4.0	4.8	4.2	4.4	4.6	5.0	4.8	5.6	4.8	3.2	3.4	3.1	3.2	3.7	3.1	3.3	3.4	3.8	4.0	4.0	4.3	4.3	4.5	3.82		7.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-387.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	23	3.0
2	3.0	3.0	3.0	3.0	3.6	3.2	3.1	4.1	4.8	5.1	4.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.29	24	6.0
3	3.0	3.0	3.0	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.01	24	4.0
4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	2.8	2.8	3.0	3.0	2.9	2.8	3.0	3.0	3.1	3.8	3.00	24	4.0
5	3.5	4.3	4.8	2.7	2.0	2.0	2.0	2.8	3.0	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.9	2.3	2.0	2.0	2.0	2.0	2.0	2.46	24	5.0
6	2.2	2.1	2.0	2.0	2.0	2.0	2.1	2.3			3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.66	22	3.0
7*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	4.0	3.8	3.7	3.1	3.0	3.10	24	4.0
8*	3.3	4.2	5.2	5.4	4.3	3.8	4.0	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.0	3.0	3.0	3.0	3.2	3.0	3.40	24	6.0
9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.3	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.04	24	5.0
10	3.0	3.0	3.0	3.0	2.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.98	24	3.0
11	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
12	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
13	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.1	3.0	3.0	3.0	3.0	3.0	3.0											3.02	14	4.0
14*												3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	13	3.0
15*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
16	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.9	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.0	3.0	3.0	3.0	3.06	24	4.0
17	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.00	24	4.0
18	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
19	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	23	3.0
20	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	23	3.0
21*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
22*	3.0	3.0	3.0	3.0	3.0	3.0	2.6	3.0	3.0	3.0	3.0	3.0	2.8	2.8	2.9	2.9	2.8	3.0	3.0	3.0	3.0	3.0	2.9	2.0	2.90	24	3.0
23	2.1	2.2	2.9	3.0	2.9	2.9	3.0	3.0	2.3	2.0	2.0	2.0	2.0	2.0	2.6	2.0	2.0	2.2	2.1	2.3	2.1	3.0	2.8	2.5	2.40	24	3.0
24	2.0	2.0	2.3	2.5	4.0	3.2	2.7	2.5	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.2	3.0	3.0	2.5	2.5	2.3	2.1	2.5	2.38	24	4.0
25	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.7		3.5	3.0	2.3	2.2	2.0	2.2	2.3	2.9	2.0	2.0	2.1	2.0	2.5	2.6	2.32	23	4.0
26	2.8	2.8	2.1	2.0	2.0	2.0	2.0	3.0	2.8	2.6	2.0	2.0	2.1	2.0	2.0	2.1	2.0	2.2	2.0	2.0	2.3	2.0	2.0	2.0	2.19	24	3.0
27	2.0	2.0	2.0	2.0	2.0	2.1	3.0	3.0	3.0	2.3			2.1	2.0	2.0	2.0	2.5	2.6	2.8	3.0	3.0	3.0	3.0	3.0	2.46	22	3.0
28*	3.0	3.0	3.0	2.9	2.0	3.0	3.0	2.8	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.28	24	3.0
29*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.5	1.0	1.0	1.3	1.1	1.1	1.0	1.4	1.8	1.3	1.67	24	2.0
30	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0							1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.01	18	2.0
31	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.4	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.07	24	3.0
MEAN	2.7	2.8	2.8	2.8	2.7	2.7	2.7	2.9	2.8	2.7	2.7	2.7	2.7	2.6	2.7	2.6	2.7	2.7	2.6	2.7	2.7	2.7	2.7	2.7	2.70		
NO	30	30	30	30	30	30	30	30	29	28	29	29	29	28	29	29	29	30	30	30	30	30	30	30		709	
MAX	3.5	4.3	5.2	5.4	4.3	3.8	4.0	4.1	4.8	5.1	4.4	3.0	3.1	3.0	3.0	3.0	3.0	3.2	3.1	4.0	3.8	3.7	3.2	3.8	3.40		6.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-388.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
APRIL 1964

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1																											
2																											
3																											
4*																											
5*																											
6																											
7																											
8																											
9																											
10																											
11*																											
12*																											
13												2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	13	2.0
14	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.1	2.3	3.0	2.3	2.0	2.0	2.0	2.0	2.0	2.07	24	3.0
15	2.0	2.0	2.0	2.3	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.02	24	3.0
16	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.4	2.2	2.0	2.0	2.0	2.02	24	3.0
17	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.7	2.0	2.3	2.7	2.06	24	4.0
18*	2.0	2.0	2.0	2.0	2.9	4.1	3.3	3.7	3.6	2.7	2.0	2.0	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.32	24	5.0
19*	1.7	1.6	1.9	2.0	2.0	2.8	2.4	3.6	2.4	2.0	2.0	2.0	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.08	24	5.0
20	2.0	1.8	2.0	2.0	2.0	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		1.6	2.1	2.0	2.0	1.8	1.0	1.0	1.0	1.82	23	3.0
21	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.7	1.8	1.7	1.7	2.0	1.6	1.4	1.5	3.0	3.0	3.0	3.0	2.8	2.7	2.1	2.1	2.1	1.84	24	3.0
22	2.0	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.3	3.9	3.3	3.1	3.6	4.3	2.88	24	5.0
23	5.3	5.1	3.5	3.2	3.0	3.0	3.2	3.7	3.0	3.0	2.9	2.9	2.6	2.4	2.0	2.9	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.14	24	7.0
24	3.1	3.9	4.0	4.0	3.7	3.0	2.8	3.0	2.6	2.2	2.0	2.1	2.3	2.0	2.0	2.0	2.4	2.9	2.4	3.0	2.9	2.4	2.0	2.0	2.68	24	4.0
25*	2.1	2.0	2.0	2.3	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.1	2.5	2.7	2.9	2.7	3.0	3.0	2.5	2.24	24	3.0
26*	2.2	2.6	2.4	2.3	2.3	3.7	3.8	3.0	2.7	2.0	2.0	2.0	2.1	2.2	2.0	2.0	2.0	2.3	2.3	2.0	2.1	2.0	2.1	2.0	2.33	24	4.0
27	2.0	2.0	2.3	3.0	3.0	3.0	3.0	2.8	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.22	24	3.0
28	2.0	2.0	2.0	2.0	2.2	2.7	2.3	3.0	2.3	2.2	2.0	2.1	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.11	24	3.0
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.01	24	3.0
MEAN	2.2	2.2	2.2	2.2	2.2	2.4	2.4	2.6	2.3	2.2	2.1	2.1	2.1	2.1	2.0	2.2	2.2	2.3	2.3	2.3	2.3	2.1	2.2	2.2	2.22		
NO	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	17	18	18	18	18	18	18	18	18		420	
MAX	5.3	5.1	4.0	4.0	3.7	4.1	3.8	3.7	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.3	3.9	3.3	3.1	3.6	4.3	3.14		7.0

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TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
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Robert A. Taft Sanitary Engineering Center
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Table 3-389.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON,D.C.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
MAY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	2.1	2.0	2.0	2.0	2.0	2.0	2.8	3.0	2.9	2.2	2.0	2.0	2.0	2.0	2.2		2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.14	23	3.0
2*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
3*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.3	2.02	24	3.0
4	2.1	2.8	2.2	2.6	2.6	2.8	3.0	2.9	2.0	2.1		2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	3.0	2.8	2.5	2.5	2.33	23	3.0
5	2.8	2.6	2.8	3.8	4.2	5.0	4.4	3.6	3.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.1	2.2	2.60	24	6.0
6	2.0	2.3	2.2	2.1	2.8	3.0	3.0	3.0	2.8	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.6	2.8	2.1	2.29	24	3.0
7	2.0	2.0	2.1	2.0	2.0	2.2	2.8	2.6	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.8	2.0	2.7	2.6	2.8	3.0	3.3	3.3	2.35	24	4.0
8	5.3	7.7	6.7	5.8	4.8	5.0	5.3	4.9	4.2	3.8	2.8	2.3	2.1	2.1	2.0	2.4	2.9	3.0	3.0	3.0	3.0	3.0	3.9	3.4	3.84	24	9.0
9*	3.0	2.6	2.0	2.0	2.0	2.1	2.9	2.8	2.6	2.9	2.2	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.21	24	4.0
10*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.3	2.7	2.6	2.07	24	3.0
11	2.0	2.0	2.0	2.0	2.0	2.9	2.9	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.3	2.4	2.5	2.8	2.9	3.3	4.1	5.2	5.7	6.0	2.79	24	6.0
12	6.2	4.7	4.4	3.0	3.0	3.1	3.7	3.8	3.3	3.0	3.0	3.0	3.0	2.3	2.8	3.0	3.1	3.2	3.1	3.8	3.2	3.4	3.6	3.0	3.39	24	7.0
13	3.0	3.7	3.3	2.3	3.0	2.8	3.0	3.0	3.0	3.0	3.0	3.0	2.7	2.8	3.0	3.0	3.7	3.4	3.1	3.2	3.0	3.4	3.0	3.0	3.05	24	4.0
14	2.4	2.0	2.0	2.0	2.1	2.5	3.0	2.7	2.4	2.0	2.4	2.2	2.4	2.0	2.8	2.9	3.0	2.6	2.5	2.9	2.3	2.0	2.0	2.0	2.37	24	3.0
15	2.1	2.0	2.0	2.0	2.0	2.5	3.0	3.0	3.0	3.0	2.6	2.9	3.0	2.9	3.0	3.0	3.0	2.8	3.0	3.0	3.2	3.3	3.0	3.0	2.75	24	4.0
16*	3.0	3.1	3.0	3.0	3.7	3.6	3.5	3.3	2.8	2.8	3.0	2.8	2.9	2.6	3.0	3.0	2.9	3.0	3.0	3.0	3.0	3.0	2.9	3.0	3.03	24	5.0
17*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	2.3	2.1	2.1	2.1	3.1	3.0	3.0	3.0	3.0	3.4	4.8	4.3	4.0	3.05	24	5.0
18	4.0	3.5	3.0	3.0	3.2	4.9	3.9	3.4	3.0	3.0	3.0	2.0	2.0	2.0		2.3	2.3	2.3	2.5	3.0	6.4	7.3	4.8	3.2	3.38	23	9.0
19	3.0	3.0	3.0	2.5	3.0	3.0	3.0	3.0	3.0	2.3	2.5	2.5	2.6	2.4	2.6	3.0	2.8	2.0	2.7	3.0	3.0	2.3	2.1	2.4	2.68	24	3.0
20	2.9	2.7	2.3	2.0	2.7	2.9	2.9	2.7	2.5	2.5	2.2	2.0	2.1	2.2	2.7	2.7	2.5	2.1	2.2	2.6	2.6	2.8	2.6	2.1	2.46	24	3.0
21	2.0	2.1	2.1	2.0	2.3	3.0	2.8	2.1	2.0	2.0	2.0	2.8	2.0	2.1	2.9	3.0	3.0	2.8	2.9	3.0	2.9	3.0	2.7	2.9	2.50	24	3.0
22	2.9	2.6	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.5	4.6	4.3	4.0	3.15	24	5.0
23*	3.5	4.4	4.5	3.3	3.1	3.1	4.0	3.9	3.7	3.0	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	4.3	4.4	4.2	5.3	3.52	24	7.0
24*	8.2	10.8	7.1	4.4	4.0	3.9	3.0	3.0	3.0	3.1	3.0	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	3.83	24	12.0
25	3.0	3.0	3.0	2.3	2.2	3.0	3.0	2.8	2.9	2.5	2.9	2.7	2.9	2.7	3.0	3.0	3.0	2.9	3.0	3.0	3.0	2.9	2.9	3.0	2.85	24	3.0
26	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.43	23	3.0
27	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.8	2.3	2.0	2.0	2.0	2.0	2.0	2.9	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.12	24	3.0
28	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.1	2.1	2.0	2.2	2.0	2.0	2.02	24	3.0
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.1	2.7	3.0	4.2	2.17	24	5.0
30*	4.1	3.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.19	24	5.0
31*	2.0	2.3	2.0	2.3	3.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.13	24	4.0
MEAN	2.9	3.1	2.8	2.6	2.7	2.9	3.0	2.8	2.6	2.5	2.4	2.3	2.3	2.2	2.5	2.5	2.5	2.4	2.5	2.6	2.8	3.0	2.9	2.8	2.64		
NO	31	31	31	31	31	31	31	31	31	31	29	31	31	31	30	30	31	31	31	31	31	31	31	31		740	
MAX	8.2	10.8	7.1	5.8	4.8	5.0	5.3	4.9	4.2	3.8	3.0	3.0	3.0	3.0	3.0	3.1	3.7	3.4	3.1	3.8	6.4	7.3	5.7	6.0	3.84		12.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-390.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JUNE 1964

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	2.8	2.9	2.3	2.0	2.2	3.0	3.0	3.0	2.2	2.0	2.0	2.0	2.0	2.0	2.9	2.5	3.0	2.4	2.3	2.1	2.0	2.3	2.6	2.0	2.39	24	3.0
2	2.8	2.2	2.2	2.0	2.1	2.8	3.0	3.0	2.3	2.0	2.0	2.0			3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.64	22	3.0
3	3.0	3.0	3.0	3.0	3.0	3.2	3.7	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.9	3.1	3.0	3.0	3.0	3.0	3.0	3.3	3.8	3.9	3.16	24	4.0
4	4.0	4.1	4.0	4.0	3.4	3.4	4.0	3.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	4.0	4.4	6.3	6.0	3.65	24	8.0
5	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.06	24	4.0
6*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	3.0	3.0	3.0	3.0	3.1	3.0	3.6	3.6	3.4	3.0	3.06	24	4.0
7*	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	3.0	3.0	3.0	3.0	3.0	3.0	2.99	24	4.0
8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.2	3.7	3.07	24	4.0
9	4.0	4.0	4.0	6.2	5.5	4.0	4.3	3.8	3.9	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.54	24	7.0
10	3.2	3.4	3.8	3.0	3.0	3.2	3.8	4.0	3.8	3.0	3.0	3.0	3.0	3.0	3.8	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.21	24	4.0
11	3.0	2.4	2.3	2.3	2.4	3.0	3.0	2.7	2.8	2.6	2.9	2.2	2.6	2.5	2.9	2.8	3.0	2.9	3.0	3.0	3.0	3.2	3.2	3.4	2.79	24	4.0
12	4.6	4.8	4.0	4.4	3.3	4.5	4.4	3.8	3.3	3.0	3.0	3.0	3.0	2.9	3.0	3.0	3.0	3.2	3.0	3.0	2.9	3.0	3.0	3.0	3.41	24	6.0
13*	3.0	3.0	2.9	3.0	3.0	3.0	3.0	3.0	2.9	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	2.9	3.0	3.0	3.0	3.1	2.99	24	4.0
14*	3.0	3.0	3.0	3.0	3.0	4.6	4.5	3.8	3.0	3.0	2.6	2.7	2.3	2.3	3.0	2.7	2.8	2.3	3.0	3.0	3.1	3.7	3.7	3.1	3.07	24	5.0
15	3.0	3.0	3.0	3.3	3.8	4.2	5.2	3.7	3.0		2.0	2.1	2.2	2.0		2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.66	22	6.0
16	1.3	1.0	1.0	1.0	1.0	1.8	1.8	1.8	1.0	1.0	1.0	1.1	1.3	1.3	1.9	1.3	1.7	1.4	1.1	1.3	1.9	2.0	1.9	1.3	1.37	24	2.0
17	1.2	1.2	1.0	1.1	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.9	1.3	1.0	1.0	1.0	1.1	2.0	3.0	4.6	4.0	1.47	24	5.0
18	3.8	3.8	5.8	5.8	6.3	5.8	6.1	5.3	2.8	1.7	1.0	1.0	1.0	1.0	1.9	1.3	1.1	1.0	1.0	1.1	1.0	1.0	1.0	1.0	2.59	24	7.0
19	1.0	1.0	1.0	1.0	1.0	1.0	1.8	1.9	1.3	1.3	1.0	1.0	1.0	1.0	1.9	1.5	1.5	1.0	1.0	1.3	1.7	1.0	1.0	1.0	1.21	24	4.0
20*	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.1	1.0	1.0	1.0	1.0	1.0	1.3	1.0	1.0	1.04	24	2.0
21*	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.2	2.0	2.0	2.0	2.0	2.0	2.0	1.4	1.90	24	2.0
22	1.0	1.4	1.7	2.0	1.7	2.0	2.1	2.0	2.0	1.8	1.3	1.2	1.0		2.0	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.77	23	3.0
23	2.0	2.0	2.0	1.8	1.3	1.8	2.0	2.0	1.9	1.9	1.8	2.0	2.0		3.0	2.2	2.0	2.0	2.0	2.1	2.1	2.3	2.0	2.0	2.00	23	3.0
24	2.0	2.0	2.0	2.0	2.0	2.2	2.7	2.8	2.6	2.4	3.0	2.4	2.1	2.0	2.9	3.0	2.3	2.5	2.0	2.0	2.2	2.8	3.0	3.0	2.40	24	3.0
25	3.0	2.8	2.0	2.0	2.0	2.1	2.8	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.9	2.1	2.1	2.0	2.0	2.2	2.9	3.2	3.0	3.0	2.34	24	4.0
26	3.1	3.9	4.0	4.3	5.2	4.8	3.5	3.1	2.7	2.1	2.0	2.0	2.1	2.5	2.9	3.0	3.0	2.4	2.5	2.6	3.0	3.0	3.0	2.3	3.03	24	6.0
27*	2.8	3.0	3.0	3.0	2.8	3.0	3.0	3.0	3.0	3.0	2.2	2.0	2.1	2.0	2.9	2.8	2.7	2.5	2.8	3.0	2.9	2.8	3.4	2.7	2.76	24	4.0
28*	2.3	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.9	2.2	2.0	2.0	2.1	2.7	3.0	3.0	3.1	3.0	2.25	24	4.0
29	3.0	3.3	3.0	3.0	3.0	3.0	3.3	3.8	3.2		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.06	23	4.0
30	3.0	3.0	2.8	3.0	3.0	3.0	3.3	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.04	24	4.0
MEAN	2.7	2.7	2.7	2.8	2.7	2.9	3.1	2.9	2.5	2.4	2.3	2.3	2.3	2.3	2.8	2.5	2.4	2.4	2.4	2.4	2.6	2.8	2.9	2.7	2.60		
NO	30	30	30	30	30	30	30	30	30	28	30	30	29	27	29	30	30	30	30	30	30	30	30	30		713	
MAX	4.6	4.8	5.8	6.2	6.3	5.8	6.1	5.3	3.9	3.2	3.0	3.0	3.1	3.0	3.9	3.1	3.0	3.2	3.1	3.2	4.0	4.4	6.3	6.0	3.65		8.0

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TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
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U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-391.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX
1	3.0	3.3	3.0	3.0	3.1	3.4	4.1	3.2	3.0	3.0	3.0	3.0	2.1	2.5	3.0	3.0	3.0	2.9	3.0	3.3	3.1	3.0	3.0	3.0	3.03	24	5.0
2	3.0	2.3	2.6	2.5	2.7	2.8	3.0	3.0	3.0	3.0	2.9	3.0	3.0	2.7	2.9	3.1	3.1	3.3	3.2	3.0	3.0	3.1	3.0	3.0	2.92	24	5.0
3	2.9	2.6	2.7	3.0	2.9	3.0	3.0	2.9	3.0	3.0	2.9	3.0	3.0	2.6	2.9	3.0	2.3	2.8	2.8	3.3	2.8	2.8	2.9	2.6	2.85	24	4.0
4*	2.8	2.7	2.8	2.8	3.0	3.0	2.8	2.9	2.0	2.8	2.8	2.3	2.2	2.3	2.0	2.0	2.1	2.1	2.0	2.0	2.1	2.0	2.0	2.1	2.38	24	3.0
5*	2.0	2.0	2.1	2.3	2.2	2.1	2.1	2.1	2.1	2.0	2.1	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.1	3.0	3.0	2.8	2.0	2.16	24	3.0
6	2.0	2.4	2.4	2.1	2.7	2.8	3.2	3.0	2.3	2.0	2.0	2.2	2.0	2.0	2.3	2.3	2.2	2.1	2.1	2.5	3.0	3.1	3.0	2.8	2.42	24	4.0
7	2.9	2.8			2.4	3.0	3.0	3.6	3.0	2.9	2.9	2.6	2.3	2.5	2.9	2.5	2.5	2.1	2.8	3.0	2.3	2.8	3.0	3.0	2.75	22	4.0
8	2.7	2.8	2.4	2.5	2.8	2.8	3.0	3.1	3.0	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0			2.90	22	4.0
9												4.0	4.0	4.0	4.0	4.0	4.0	3.8	4.0	4.0	4.0	4.0	4.0	4.0	3.98	13	4.0
10	4.0	4.0	3.9	4.0	4.0	4.0	4.0	4.0	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.34	24	4.0
11*	3.0	3.0	3.0	3.0	3.3	3.2	3.8	3.0	3.0	3.1	3.0	3.0	3.0	3.0	2.8	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.04	24	4.0
12*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
13	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.8	3.0	3.1		3.1	3.2	3.0	3.0	3.3	4.0	3.6	3.3	3.1	3.5	3.7	3.8	4.0	3.30	23	4.0
14	3.3	3.0	3.2	3.4	4.0	3.8	4.0	3.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.17	24	4.0
15	3.3	4.3	4.0	4.5	5.0	6.3	6.2	4.9	3.1	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.5	4.8	4.0	4.0	4.0	4.0	3.87	24	8.0
16	4.0	4.0	4.0	4.0	4.2	5.0	4.8	3.9	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.9	3.2	3.8	4.0	4.0	5.2	4.7	3.75	24	6.0
17	4.0	5.3	6.3	6.3	6.3	5.3	5.0	5.3	4.5	4.0	3.0	3.0	3.0	3.0	3.0	3.3	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.3	4.20	24	7.0
18*	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.7	3.8	3.0	3.08	24	4.0
19*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.7	3.02	24	4.0
20	3.3	3.0	3.0	3.0	3.0	3.3	4.0		3.8	4.0	3.1	3.0	3.0	3.0	3.0	3.0	3.3	3.7	3.1	3.0	3.0	3.6	3.6	3.1	3.24	23	4.0
21	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.6	5.0	5.6	4.1	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.29	24	6.0
22																											
23											3.0	3.0	3.0	3.8	4.0	4.0	4.1	4.9	4.0	4.0	4.0	4.0	4.0	4.0	3.84	14	5.0
24	4.0	4.0	4.0	3.1	3.0	3.0	3.3	3.8	3.0	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.79	24	4.0
25*	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.00	24	4.0
26*	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	4.0	4.0	3.59	24	4.0
27	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.37	24	5.0
28	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.03	24	4.0
29	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.6	4.0	4.0	3.1	3.3	3.0	3.0	3.47	23	4.0
30	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.9	4.0	3.7	3.0	3.0	3.0	3.0	3.2	4.0	4.0	4.0	4.0	3.32	24	6.0
31	4.0	3.9	3.0	3.0	3.0	3.0	3.0	3.9	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.2	3.5	3.6	4.0	4.0	4.0	3.30	24	4.0
MEAN	3.3	3.3	3.3	3.3	3.3	3.4	3.5	3.5	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.1	3.3	3.2	3.3	3.4	3.3	3.23		
NO.	28	28	27	27	28	28	28	27	27	28	28	30	30	30	30	30	30	30	30	30	30	30	29	29		692	
MAX	4.0	5.3	6.3	6.3	6.3	6.3	6.2	5.3	4.5	4.0	4.0	5.0	5.6	4.1	4.0	4.0	4.1	4.9	4.0	4.8	4.0	4.0	5.2	4.7	4.20		8.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-392.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
AUG. 1964

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	3.4	3.0	3.0	4.0	4.0	3.1	3.0	3.0	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.15	24	4.0
2*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.2	3.7	3.7	3.8	3.7	3.8	4.0	4.0	3.24	24	4.0
3	4.0	3.6	3.0	3.0	4.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.4	3.0	3.0	3.1	3.0	3.1	3.2	3.0	3.0	3.0	3.0	3.0	3.44	24	5.0
4	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.04	24	4.0
5	3.0	3.0	3.0	3.0	3.0	3.0	3.2	4.0	3.3	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.0	3.0	3.4	3.0	3.0	3.4	4.0	3.4	3.16	24	4.0
6	3.0	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.3	4.0	4.7	5.8	6.0	3.37	24	6.0
7	4.9	5.0	5.4	9.2	11.6	9.3	6.9	6.7	4.7	4.0	3.0	3.0	3.0			3.3	3.0	3.0	3.0	3.0	3.6	3.0	3.0	3.0	4.74	22	12.0
8*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.5	3.8	3.0	3.0	3.0	3.0	3.5	4.0	3.3	3.0	3.0	3.12	24	4.0
9*	3.0	3.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.5	3.5	4.0	4.0	3.14	24	4.0
10	3.6	3.0	3.0	3.0	3.0	3.5	4.0	3.4	3.7	3.5	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.16	24	4.0
11	3.4	3.6	3.0	3.0	3.0	3.3	3.7	3.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.11	24	4.0
12	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
13	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	4.0
14	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0			2.0	2.0	2.3	3.0	3.0	3.0	3.3	3.9	3.6	3.1	3.05	22	4.0
15*	3.0	3.0	3.0	3.0	3.0	3.2	3.4	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.0	3.0	3.0	3.05	24	4.0
16*	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.01	24	4.0
17	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.5	4.2	4.6	3.5	3.0	3.15	24	5.0
18	3.0	3.0	3.0	3.0	3.0	3.3	4.2	4.3	4.0	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.17	24	5.0
19	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.5	4.3	4.3	5.0	3.21	24	5.0
20	4.8	4.0	5.9	7.6	8.8	6.2	4.6	4.1	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.95	24	10.0
21	3.1	3.8	3.0	3.0	3.0	3.4	3.8			3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.11	22	4.0
22*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
23*	3.0	3.2	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.01	24	4.0
24	3.0	3.0	3.3	3.7	3.0	3.0	3.5	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.07	24	4.0
25	3.0	3.0	3.0	3.1	4.0	3.7	3.2	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.16	24	4.0
26	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.01	24	4.0
27	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
28	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	23	3.0
29*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
30*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.00	24	4.0
31	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	3.0	2.8	3.0	3.0	3.0	3.0	3.0	3.0	2.98	24	4.0
MEAN	3.2	3.2	3.2	3.4	3.6	3.4	3.4	3.4	3.2	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.2	3.2	3.3	3.2	3.18		
NO.	31	31	31	31	31	31	31	30	29	31	31	31	30	29	30	31	31	31	31	31	31	31	31	31		737	
MAX.	4.9	5.0	5.9	9.2	11.6	9.3	6.9	6.7	4.7	4.0	4.0	4.0	3.4	3.5	3.8	3.3	3.3	3.7	3.7	3.8	4.2	4.7	5.8	6.0	4.74		12.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-393.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

WASHINGTON, D.C.

TOTAL HYDROCARBON
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	3.6	4.3	4.5	3.3	3.0	3.0	3.0	3.0	3.1	4.0	4.0	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.22	24	5.0
2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.6	4.0	4.0	4.4	5.7	3.27	24	6.0
3	5.5	4.5	3.8	3.8	4.0	4.0	4.4	4.3	3.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	4.6	5.2	4.8	5.0	4.1	3.82	24	6.0
4	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.0	4.0	4.0	4.0	3.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.54	24	5.0
5*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.02	24	4.0
6*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
7	3.0	4.6	4.2	4.0	4.3	4.8	5.0	5.6	5.9	4.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.64	24	6.0
8	3.0	3.0	3.0	3.0	3.0	3.1	6.6	4.3	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.0	3.0	3.0	3.0	3.23	24	8.0
9	3.0	3.0	3.0	3.0	3.0	3.2	3.8	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.4	3.0	3.0	3.0	3.13	24	4.0
10	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
11	3.0	3.0	2.9	2.0	2.0	2.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.5	3.3	3.0	3.0	3.0	3.0	2.90	23	4.0
12*	3.3	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.02	24	4.0
13*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
14	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.4	4.0	4.0	4.0	4.0	4.0	3.22	24	4.0
15	4.0	4.0	5.3	4.6	4.1	4.5	5.0	5.0	4.0	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.3	5.8	7.0	7.4	5.1	4.0	4.22	24	9.0
16	3.3	3.0	3.0	3.0	3.0	3.1	4.0	4.0	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.10	24	4.0
17	3.0	3.0	3.0	3.0	3.0	3.0	4.6	4.3	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.14	24	8.0
18	3.0	3.0	3.0	3.0	3.0	3.0	3.4	3.2		3.0	3.0	3.0	3.1	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.5	3.0	3.1	3.05	23	4.0
19*	3.3	3.1	3.0	3.3	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.05	24	4.0
20*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
21	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.97	24	3.0
22	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
23	3.0	3.0	3.0	3.2	3.0	3.1	4.0	3.6	3.0	3.0	3.0	2.8	3.0	3.0	3.0	3.0	3.2	3.2	3.5	3.2	4.0	3.4	3.0	3.0	3.16	24	5.0
24	3.0	3.0	3.0	3.0	3.0	3.5	4.3	4.4	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.14	24	5.0
25	3.0	3.3	3.0	3.0	3.0	3.3	3.8	3.8	3.0		2.0	2.0	2.0	2.0	2.0	2.0	2.8	3.0	3.0	3.0	4.1	5.1	5.5	6.8	3.28	23	8.0
26*	4.3	5.0	4.8	6.9	10.6	10.5	9.3	8.9	7.4	5.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.78	24	11.0
27*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	2.63	24	3.0
28	3.0	2.3	2.0	2.0	2.0	2.0	2.0	2.8	3.0	3.0	2.9	2.0	2.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.68	24	3.0
29	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.6	3.8	4.0	4.0	3.3	4.0	4.3	4.4	3.9	4.8	3.6	3.1	3.0	3.0	3.45	24	6.0
30	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.1	3.0	3.01	24	4.0
MEAN	3.2	3.3	3.2	3.2	3.4	3.4	3.7	3.7	3.5	3.2	3.0	3.0	3.0	3.0	2.9	3.0	3.0	3.0	3.1	3.3	3.4	3.4	3.3	3.3	3.22		
NO	30	30	30	30	30	30	30	30	29	29	30	30	30	29	30	30	30	30	30	30	30	30	30	30		717	
MAX	5.5	5.0	5.3	6.9	10.6	10.5	9.3	8.9	7.4	5.0	4.0	4.0	4.0	4.0	3.3	4.0	4.3	4.4	4.3	5.8	7.0	7.4	5.5	6.8	4.78		11.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-394.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
OCT. 1964

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	3.0	3.0	3.0	3.0	3.0	3.0	3.4	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.04	24	4.0
2	3.0	3.0	3.0	2.6	2.0	2.8	3.0	3.0	3.0	3.2	3.0	3.3	3.1	3.6	3.2	3.2	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.99	24	6.0
3*	3.0	2.7	2.6	2.0	2.0	2.5	3.0	3.0	3.0	2.4	3.0	3.0	2.7	3.0	3.0	3.0	3.0	3.0	3.3	3.2	3.0	3.0	3.0	3.0	2.84	24	4.0
4*	3.2	3.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.3	4.7	4.3	3.1	3.0	3.0	2.5	3.16	24	5.0
5	2.0	2.0	2.0	2.0	2.0	2.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.8	3.8	4.0	3.9	3.0	2.91	24	4.0
6	3.0	3.0	3.0	3.3	3.2	3.0	3.4	3.0	3.0	2.8	2.0	2.0	2.0	2.0	2.0	2.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.78	24	4.0
7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	2.1	2.0	2.0	2.0	2.0	2.0	2.7	3.0	3.0	3.0	3.0	3.6	4.8	5.3	5.3	3.00	24	8.0
8	7.3	6.8	5.5	6.0	4.3	3.8	3.3	3.8	3.0	3.3	2.3	2.0	2.0	2.0	2.0	2.0	2.3	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.43	24	8.0
9	2.8	2.9	5.4	5.6	4.5	4.0	4.8	4.5	4.8	2.8	2.0	2.0	2.0			2.3	2.9	2.8	3.0	2.6	2.0	2.0	2.0	2.0	3.17	22	7.0
10*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
11*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.0	3.0	4.0	4.0	4.1	4.1	2.43	24	5.0
12	3.5	3.0	3.2	3.0	3.0	3.0	3.0	3.3	3.0	2.9	2.0	2.0	2.0	2.0	2.8	3.0	3.0	3.0	3.0	3.2	3.2	3.3	3.6	3.9	2.94	24	4.0
13	3.8	3.7	3.3	3.0	2.9	3.2	4.4	3.9	4.0	3.8	3.2	2.0	2.0	2.0	2.0	2.2	2.8	3.3	4.4	5.6	6.0	7.0	5.7	6.0	3.75	24	8.0
14	6.5	4.8	3.3	3.1	3.0	3.0	3.3	3.1	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.8	4.0	5.0	4.4	4.5	5.8	5.8	3.39	24	10.0
15	7.4	9.7	11.0	11.2	8.4	8.1	9.3	10.0	8.8	4.9	3.1	2.6	2.1	2.0	2.0	2.0	2.2	2.6	3.6	3.3	5.1	4.9	6.7	5.9	5.69	24	12.0
16	3.1	3.0	3.0	2.3	2.0	2.6	3.0	3.0	2.6	2.0	2.0			3.0	3.0	2.7	3.0	3.0	2.6	2.0	2.0	2.0			2.59	20	4.0
17*																											
18*																											
19																											
20																											
21							4.2	3.2	2.8	2.2	2.0	2.0				2.3	3.0	3.0	2.6	2.6	2.0	2.0	2.0	2.0	2.51	15	5.0
22	3.0	3.0	3.4	3.8	4.4	3.3	3.0	3.0	3.0	2.3	2.0	2.0	2.0	2.0	2.0	2.2	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	2.85	24	6.0
23	3.0	3.8	3.1	3.3	3.0	3.2	4.1	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.4	3.0	3.16	24	5.0
24*	3.0	3.0	3.0	4.3	3.0	3.2	3.4	3.1	3.0	3.0	3.0	2.4	2.4	3.0	3.0	3.0	3.0	3.0	3.0	3.5	4.0	3.7	3.8	3.3	3.16	24	7.0
25*																											
26	3.0	3.1	3.8	3.3	3.0	3.7	4.3	4.4	5.7	4.1	3.3	3.0	3.0	3.0	3.0	3.0	3.4	4.5	7.3	9.5	9.4	11.3	12.3	8.3	5.10	24	15.0
27	6.5	5.6	4.9	5.4	4.9	4.8	5.1	5.4	5.8	5.3	5.0	3.9	3.0	3.0	3.0	3.0	3.2	3.5	3.6	3.3	3.8	4.0	3.8	3.9	4.32	24	7.0
28	3.5	3.2	3.0	3.0	6.3	10.6	6.9	4.7	3.8	3.0	3.0	3.0	3.0	3.0	2.8	2.0	2.8	3.0	3.0	3.0	3.0	3.1	3.2	3.1	3.70	24	12.0
29	3.0	3.0	2.8	2.8	3.0	3.0	3.1	3.1	3.1	3.3	3.3	3.0	3.0	2.5	2.0	2.2	2.8	3.0	3.3	5.3	6.8	8.0	9.5	8.0	3.86	24	11.0
30	8.2	6.3	4.3	3.1	2.0	2.3	3.0	3.0	2.8	2.0			2.0	2.0	2.0	2.3	3.0	3.0	3.3	3.7	3.8	4.0	4.3	3.3	3.34	22	9.0
31*	3.0	3.4	3.3	3.6	3.1	3.0	3.0	5.6	3.2	3.0	3.0	2.1	2.0	2.2	2.0	2.0	2.2	3.0	3.0	3.0	4.2	4.4	6.3	6.4	3.32	24	9.0
MEAN	3.8	3.7	3.6	3.6	3.3	3.5	3.7	3.7	3.5	2.9	2.7	2.5	2.4	2.5	2.5	2.5	2.8	3.0	3.3	3.6	3.7	4.0	4.3	4.0	3.30		
NO.	25	25	25	25	25	25	26	26	26	26	25	24	24	24	24	26	26	26	26	26	26	26	25	25		607	
MAX.	8.2	9.7	11.0	11.2	8.4	10.6	9.3	10.0	8.8	5.3	5.0	3.9	3.1	3.6	3.2	3.2	3.4	4.5	7.3	9.5	9.4	11.3	12.3	8.3	5.69		15.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-395.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	7.5	8.9	9.6	9.3	7.8	7.5	8.0	7.0	4.2	3.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.5	5.3	6.4	6.1	5.20	24	11.0
2	4.7	6.8	8.5	8.2	7.5	7.3	9.3	10.9	10.3	6.9	3.9	3.0	3.0	3.2	3.0	3.0	3.0	3.4	4.1	4.1	4.8	4.0	4.1	3.9	5.43	24	12.0
3	3.5	3.0	3.0	3.1	3.3	3.9	4.0	3.4	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	5.5	6.3	7.7	9.7	9.2	4.14	24	12.0
4	9.8	8.7	5.3	4.5	3.2	3.0	3.8	4.3	3.9	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.4	4.9	5.8	4.7	5.2	6.0	7.1	7.3	4.65	24	13.0
5	7.0	6.0	5.0	4.0	4.0	4.0	4.3	4.2	4.2	4.0	4.0	4.0	3.3	3.3	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.80	24	7.0
6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.7	3.4	3.8	3.8	4.0	4.0	3.21	23	4.0
7*	4.0	4.2	4.7	5.3	4.6	3.8	4.0	4.0	4.0	4.0	3.1	3.0	3.0	3.0	3.7	3.2	4.0	4.3	6.4	6.3	8.4	7.5	7.3	7.0	4.68	24	10.0
8*	6.0	5.8	5.8	6.4	6.0	6.3	11.7	10.0	8.9	6.7	6.4	4.0	3.9	3.0	3.8	3.4	4.0	4.2	4.3	5.3	6.4	7.7	8.6	7.8	6.09	24	14.0
9	10.7	6.4	4.8	3.6	3.0	3.0	3.8	4.2	4.0	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.2	4.0	4.3	4.6	5.5	6.6	5.1	4.8	4.28	24	12.0
10	4.8	3.8	4.7	5.8	5.3	4.0	4.3	6.3	6.0	4.8	3.0	3.0	3.0	3.0	3.4	3.3	4.2	4.9	6.4	5.3	5.8	4.1	4.0	4.0	4.44	24	8.0
11	4.0	4.1	4.1	4.3	4.3	4.3	4.3	4.0	4.0	4.0	4.0	4.0	4.0	3.8	3.9	3.6	4.0	4.8	5.6	5.9	4.1	4.3	4.7	4.0	4.24	24	8.0
12	4.0	4.7	5.6	9.7	11.5	7.6	7.3	11.1	5.7	4.5	4.0	3.1	3.0	3.1	3.0	3.0	3.9	4.7	4.0	3.5	3.0	3.0	3.0	3.0	4.94	24	16.0
13	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.7		3.0	3.0	3.0	3.0	2.3	2.0	2.0	2.5	3.0	2.5	2.4	2.0	2.0	2.0	2.0	2.66	23	4.0
14*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.9	4.1	4.5	4.8	6.1	6.0	5.8	2.85	24	7.0
15*	5.2	4.8	5.3	9.4	11.1	7.1	5.0	4.3	3.0	3.0	3.0	2.0	2.0	2.0	2.8	2.8	3.3	6.4	8.7	10.8	10.5	4.9	3.3	3.2	5.15	24	13.0
16	3.0	3.0	3.0	2.4	2.8	2.8	2.8	3.0	3.0	3.4	3.8	3.5	3.8	3.4	3.3	4.8	5.3	7.5	6.1	4.7	3.1	2.1	2.0	2.0	3.51	24	9.0
17	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.6	3.0	3.7	3.0	3.0	3.0	3.0	3.0	2.35	24	7.0
18	3.5	2.8	2.2	2.0	2.0	2.0	2.2	2.8	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.3	2.9	3.0	3.0	3.0	2.4	2.2	2.36	24	4.0
19	2.9	3.0	2.4	3.0	2.3	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.0		3.1	3.7	3.0	3.0	3.0	3.0	3.0	3.0	2.54	23	4.0
20	3.0	3.0	2.7	2.3	2.0	2.0	2.8	3.0	3.0	2.8	2.0	2.0	2.0	2.8	3.7	3.0	3.0	3.0	3.3	4.0	3.2	3.6	3.1	3.0	2.83	24	5.0
21*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
22*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.7	4.3	3.4	3.7	3.13	24	5.0
23	8.0	7.6	6.9	6.2	5.3	4.6	4.3	4.9	4.9	3.9	3.0	3.4	3.0	3.0	4.1	3.3	3.0	3.6	3.0	3.0	3.0	3.0	3.0	3.1	4.21	24	9.0
24	3.3	4.1	4.6	7.3	9.0	7.0	5.3	5.1	5.0	3.8	3.7		3.0	3.0	3.0	3.0	3.3	3.1	3.0	3.0	3.0	3.0	3.0	3.3	4.11	23	12.0
25	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.04	24	4.0
26	3.0	3.0	2.3	2.0	2.0	2.6	2.0	2.3	3.0	3.0	3.0	2.3	2.0	2.0	2.3	2.7	3.0	3.0	3.1	3.0	3.3	4.2	4.3	3.0	2.75	24	6.0
27	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.3	4.2	3.8	4.0	3.7	3.20	24	5.0
28*	3.0	3.4	3.4	3.1	3.1	3.0	3.0	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	5.1	3.2	3.2	3.3	3.0	3.0	3.18	24	9.0
29*	3.0	3.0	2.5	2.0	2.0	2.0	2.0	2.3	3.0	2.3	2.0	2.0	2.0	2.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.61	24	3.0
30	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.0	2.0	2.0	2.0	2.0	2.78	24	3.0
MEAN	4.3	4.2	4.0	4.3	4.2	3.8	4.0	4.3	3.9	3.4	3.1	2.9	2.8	2.8	3.0	3.0	3.2	3.7	4.0	4.0	4.1	4.1	4.1	4.0	3.72		
NO.	30	30	30	30	30	30	30	30	29	29	30	29	30	30	30	29	30	30	30	30	30	30	30	30		716	
MAX.	10.7	8.9	9.6	9.7	11.5	7.6	11.7	11.1	10.3	6.9	6.4	4.0	4.0	3.8	4.1	4.8	5.3	7.5	8.7	10.8	10.5	7.7	9.7	9.2	6.09		16.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-396

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
DEC. 1964

DAY OF MONTH	A.M. 12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	2.0	2.0	2.0	2.0	2.0	2.0	2.4	3.0	3.0	3.0	2.7	2.3	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	2.68	24	4.0
2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.2	3.3	3.2	3.1	4.2	3.5	3.5	3.0	3.0	3.15	24	5.0
3	2.8	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	4.1	3.8	4.0	3.0	3.3	3.7	3.4	3.0	2.93	24	6.0
4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0		4.3	5.7	3.3	3.0	3.0	3.8	6.3	7.4	7.3	4.7	3.4	3.3	4.0	3.8	3.92	23	9.0
5*	3.7	3.9	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.07	24	4.0
6*	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.05	24	3.0
7	2.0	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.0	2.3	2.0	2.0	2.0	2.0	2.8	2.8	2.6	3.0	3.0	3.0	3.0	3.8	4.8	3.7	2.63	24	6.0
8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.3	2.8	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.95	23	3.0
9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.5	3.8	3.2	3.06	24	4.0
10	3.0	3.0	3.0	3.0	3.3	3.5	4.6	4.9	4.8	3.8	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.3	3.1	3.2	3.0	3.2	3.34	24	6.0
11	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.5	5.3	3.3	3.3	3.1	3.6	3.2	3.1	3.18	23	8.0
12*	3.0	3.0	3.3	3.0	3.0	3.4	4.6	5.6	4.3	4.8	3.4	4.3	3.8	3.1	3.0	2.7	2.9	3.0	5.3	7.6	7.8	6.3	6.3	5.7	4.28	24	12.0
13*	5.9	5.5	5.0	4.5	4.8	3.4	3.0	5.1	5.4	3.8	3.0	3.0	2.6	2.5	2.8	2.6	2.9	2.9	2.8	2.2	2.3	2.0	2.0	2.0	3.42	24	10.0
14	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.9	2.8	2.4	2.0	2.0	2.0	3.6	3.3	3.0	3.0	3.0	3.0	3.0	2.6	2.0	2.4	2.49	24	4.0
15	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.4	2.0	2.1	2.2	2.0	2.0	2.0	2.0	2.3	2.6	3.0	3.0	2.7	2.8	3.0	3.0	3.0	2.33	24	3.0
16	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	7.2	3.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.20	24	8.0
17	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.5	4.1	4.0	3.3	3.1	3.0	3.0	3.0	3.13	24	5.0
18	3.0	2.3	2.0	2.0	2.0	2.0	2.0	2.8	3.0	3.0	3.0	3.0	2.2	2.0	2.0	2.0	2.0	2.9	3.0	3.0	3.0	3.0	3.0	3.0	2.55	24	3.0
19*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	5.5	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.12	24	6.0
20*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
21	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	23	4.0
22	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.3	3.1	3.0	3.0	3.0	4.0	3.0	3.08	24	6.0
23	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.4	3.02	24	4.0
24	3.3	3.0	3.0	4.0	3.3	3.4	3.3	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.2	4.6	4.8	5.0	4.2	4.3	5.4	5.0	3.65	24	6.0
25	5.3	6.1	6.6	3.3	3.0	3.0	3.0	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.6	3.0	3.3	3.9	4.3	4.0	4.2	5.1	4.5	6.3	3.57	24	9.0
26*	3.9	3.8	3.1	3.0	3.0	3.0	3.0	3.0	3.0	2.7	2.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.5	4.0	3.2	4.6	4.8	3.25	24	7.0
27*	4.2	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.71	24	5.0
28	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.5	2.0	2.2	2.0	2.0	2.0	2.3	2.07	24	3.0
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.6	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.4	2.0	2.0	2.0	2.0	2.0	2.2	2.11	24	3.0
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.5	4.2	7.3	9.9	9.7	6.9	5.5	3.8	3.78	24	11.0
31	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.40	24	3.0
MEAN	3.0	2.9	2.8	2.7	2.7	2.7	2.8	3.1	3.0	2.9	2.8	2.8	2.7	2.7	3.0	2.9	3.1	3.3	3.4	3.4	3.4	3.3	3.3	3.3	3.00		
NO.	31	31	31	31	31	31	31	31	31	28	31	31	31	31	30	31	31	31	31	31	31	31	31	31		740	
MAX.	5.9	6.1	6.6	4.5	4.8	3.5	4.6	5.6	5.4	4.8	4.3	5.7	3.8	3.1	7.2	3.8	6.3	7.4	7.3	9.9	9.7	6.9	6.3	6.3	4.28		12.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-397.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

WASHINGTON, D.C.

TOTAL OXIDANT
JAN. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1	.00										.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	14	.01
2	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.02	.04	.04	.04		.02	.02	.02	.02	.011	21	.05
3	.02	.02	.02	.02	.02	.02	.03	.04		.04	.04	.04	.04	.04	.03	.03	.03	.03	.03		.03	.05	.04	.04	.030	22	.06
4*																											
5*																											
6																											
7	.03		.03	.02	.02	.02	.02	.04	.03	.02	.01	.02	.02	.02			.02	.02	.03	.04	.03	.03	.03	.02	.024	21	.05
8	.02		.01	.01	.01	.01	.01	.02	.03	.01	.01	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.03	.02	.02	.019	23	.04
9	.02		.01	.02	.02	.02	.02	.02	.03	.04	.04	.04	.03	.05	.03	.02	.03	.03	.02	.02	.02	.02	.02	.02	.024	23	.07
10	.02		.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.004	23	.02
11*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.000	23	.02
12*	.02		.02	.02	.02	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.006	23	.05
13	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.01
14	.00		.00	.00	.00	.00	.00	.00			.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.000	19	.01
15	.00		.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.001	22	.01
16	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
17	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.001	23	.03
18*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.01	.02	.02	.01	.01					.005	19	.04
19*																											
20	.01		.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.02	.03			.02	.02	.02	.02	.02	.02	.02	.02	.015	21	.04
21																											
22	.00		.00	.00						.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.002	18	.01
23	.00		.00	.00	.00					.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.001	19	.01
24	.00		.00	.00						.01	.00	.00	.00	.01	.01	.01		.01	.01	.01	.01	.01	.04	.03	.009	17	.06
25*	.03		.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.04	.01	.01	.01	.01	.00	.00	.00	.00	.00	.016	23	.05
26*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00						.002	18	.02
27																											
28	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.01	.01	.01	.00	.01	.01	.01	.01	.002	21	.01
29	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.001	23	.01
30	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.006	23	.02
31	.01		.03	.03	.03	.04	.04	.06	.03	.02	.01	.00	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.019	22	.08
MEAN	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.008		
NO.	25	1	24	24	22	21	21	21	18	23	25	25	25	25	17	20	24	25	25	22	23	23	23	23		525	
MAX.	.03	.02	.03	.03	.03	.04	.04	.06	.03	.04	.04	.04	.04	.05	.04	.03	.04	.04	.04	.04	.03	.05	.04	.04	.030		.08

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Table 3-398.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
FEB. 1964

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.01		.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.01	.01	.02	.01	.01	.01	.017	23	.03
2*	.01		.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.02
3	.00		.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
4	.00		.00	.00	.00	.00	.00	.00		.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	19	.01
5	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01			.01	.01	.01	.01	.02	.01	.00	.01	.004	21	.03
6	.01		.00	.00	.00	.00	.02	.02	.02	.02	.02	.02	.02	.02	.04	.02	.02	.02	.02	.02		.02	.02	.02	.016	22	.04
7	.02		.01	.01	.01	.01	.02	.03	.04			.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.019	21	.06
8*	.01		.01	.01	.01	.01	.01	.00	.00	.00	.00	.01	.01	.01	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.005	23	.02
9*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.007	23	.03
10	.01		.01	.01	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.004	23	.02
11	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
12	.00		.00	.00	.00	.00	.00	.00					.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	19	.01
13	.00		.00	.00	.00	.00	.00	.01	.01	.00	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.00	.00	.00	.01	.005	23	.03
14	.01		.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.002	23	.02
15*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.01	.01	.01	.01	.01	.01	.003	23	.03
16*	.01		.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.02	.01	.01	.00	.00	.00	.00	.00	.00	.003	23	.03
17	.00		.00	.00	.00	.00	.00	.00	.00		.01	.01	.01	.01	.02	.02	.02	.01	.02	.02	.02	.01	.01	.01	.009	22	.03
18	.02		.01	.01	.01	.01	.02	.04	.03	.02				.02			.04	.04	.03	.02	.03	.02	.02	.02	.022	18	.05
19	.02		.02	.02	.02	.02	.02	.02		.00	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.023	22	.04
20																											
21	.02		.02	.02	.01	.00	.00	.00	.00	.01	.01	.01	.01	.02	.02	.02	.03	.02	.01	.00	.00	.01	.01	.01	.011	23	.04
22*	.01		.01	.00	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01			.02	.01	.00	.00	.00	.00	.00	.00	.003	21	.02
23*	.00		.00	.00	.00	.00	.00	.00	.00	.00			.01	.02	.03	.03	.03	.02	.01	.00	.00	.00	.00	.00	.007	21	.04
24	.00		.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.01					.00	.00	.00	.00	.00	.00	.00	.002	19	.03
25																											
26	.04		.04	.02	.02	.03	.02	.03	.02	.02	.02	.02	.03	.03	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.026	23	.07
27	.02		.02	.01	.02	.01	.00	.00	.00	.00	.00	.00	.01			.02	.01	.01			.01	.01	.01	.01	.008	19	.03
28	.01		.01	.01	.01	.01	.01	.02	.01	.02							.03	.03	.03	.03	.03	.04	.03	.03	.021	17	.04
29*	.02		.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.03	.04	.04	.02	.01	.01	.02	.01	.02	.02	.016	23	.05
MEAN	.01		.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.009		
NO.	27		27	27	27	27	27	27	24	24	22	23	24	23	20	22	26	27	26	26	26	27	27	27		583	
MAX	.04		.04	.02	.02	.03	.02	.04	.04	.02	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03	.04	.03	.03	.026		.07

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-399.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
MARCH 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1*	.02		.02	.02	.01	.02	.02	.01	.02	.02	.01	.02	.02	.03	.03	.02	.02	.01	.02	.02	.02	.02	.02	.02	.018	23	.03
2	.02		.01	.02	.03	.02	.02				.06	.05	.05		.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.033	19	.08
3	.04		.03	.04	.03	.03	.03	.03	.03	.03	.04	.03	.03					.05	.04	.04	.04	.04	.04	.04	.034	19	.06
4	.04		.02	.02	.02	.02	.02	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.04	.04	.028	21	.05
5	.03		.07	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.028	23	.08
6	.03		.02	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.05	.03	.03	.02	.03	.03	.03	.03	.03	.028	23	.05
7*	.03		.03	.03	.02	.02	.02	.03	.03	.04	.03	.03	.04	.04	.04	.04	.04	.03	.04	.06	.05	.04	.04	.03	.035	23	.07
8*	.04		.10	.11	.07	.05	.05	.05	.04	.04		.04	.04	.04	.03	.04	.03	.03	.03	.03	.03	.03	.03	.02	.043	22	.14
9	.02		.02	.02	.02	.02	.02	.04	.04	.03	.03	.03		.03		.03	.03	.03	.02	.02	.02	.02	.02		.025	20	.06
10																											
11																											
12	.03		.03	.02	.02	.02	.02	.03				.04	.03	.03			.03	.03	.03	.03	.03	.03	.02	.02	.027	18	.04
13	.02		.01	.02	.01	.01	.02	.02	.02	.04	.05	.05	.06	.06			.04	.04	.03	.03	.03	.03	.03	.03	.030	21	.07
14*	.04		.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.026	23	.05
15*	.02		.02		.02	.02	.03	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.03	.023	22	.03
16	.02		.01	.01	.02	.03	.04	.06	.03	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.04	.03	.02	.02	.02	.029	23	.07
17																											
18																											
19																											
20	.02		.01	.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.019	23	.05
21*	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.04	.04	.03	.04	.04	.03	.03	.03	.02	.02	.02	.02	.02	.025	23	.05
22*																											
23																											
24											.04	.05	.06	.06	.06	.05	.05	.04	.03	.03	.03	.03	.03	.03	.042	14	.08
25	.03		.04	.04	.03	.02	.03	.03	.03	.03	.03	.04	.04				.03	.03	.02	.02	.02	.02	.02	.02	.028	20	.05
26																											
27											.03	.03	.04	.04		.04	.04	.03	.02	.02	.03	.02	.04	.05	.033	13	.07
28*																											
29*																											
30																											
31	.03		.01	.01	.01	.00	.00	.00	.01	.02		.02	.02	.02			.02	.02	.03	.03	.03	.03	.03	.02	.017	20	.04
MEAN	.03		.03	.03	.02	.02	.02	.03	.03		.03	.03	.04	.03			.03	.03	.03	.03	.03	.03	.03	.03	.028		
NO	18		18	17	18	18	18	17	16	15	16	20	19	17	13	15	19	20	20	20	20	20	20	19		413	
MAX	.04		.10	.11	.07	.05	.05	.06	.04	.04	.06	.05	.06	.06	.06	.05	.05	.05	.04	.06	.05	.04	.04	.05	.043		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-400.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON,D.C.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
APRIL 1964

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.03		.03	.02	.02	.02	.02	.03			.03	.04	.03	.02	.03	.03	.03	.02	.02	.01	.01	.01	.01	.01	.021	21	.04
2	.01	.01		.01	.01	.01	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.03	.019	23	.04
3	.03			.01	.01	.02	.03	.03								.02	.02	.02	.02	.03	.02	.02	.03	.03	.022	15	.04
4*	.03		.02	.02	.03	.02	.02	.02	.02	.03	.04	.05	.05	.06	.06	.07	.07	.06	.05	.04	.05	.04	.04	.04	.039	23	.07
5*																											
6																											
7	.02			.01	.02	.01	.02	.03	.04	.02	.03	.03	.03	.03			.04	.04	.05	.03	.02	.04	.04	.03	.027	20	.07
8	.03		.01	.02	.02	.02	.03	.05	.06	.05	.04	.03	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.027	23	.07
9	.03		.03	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.04	.04	.04	.04	.03	.02	.02	.02	.02	.02	.026	23	.05
10	.02		.02	.03	.04	.03	.06	.07	.04	.05		.04	.05	.05	.04	.04	.04	.03	.03						.040	17	.09
11*																											
12*	.04	.06		.03	.03	.02	.03	.03	.03	.04	.06	.06	.07	.07	.07	.06			.06	.06	.06	.06	.05	.05	.050	21	.09
13	.05		.05	.06	.04	.04	.04	.05	.05	.05		.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.038	22	.08
14																											
15											.05	.04	.04	.04	.06	.05	.05	.04	.03	.03	.03	.02	.03	.03	.037	14	.06
16	.03		.03	.03	.02	.02	.01	.02	.03	.04	.04	.04	.04	.04	.05	.05	.05	.03	.03	.03	.02	.02	.02	.02	.030	23	.06
17	.02	.03		.03	.02	.03	.03	.04	.04	.06		.05	.07	.06	.06	.06	.05	.04	.03	.03	.03	.03	.03	.03	.040	22	.08
18*	.03		.02	.02	.02	.03	.03	.03	.04	.06	.06	.06	.06	.06	.06	.06	.05	.04	.03	.03	.02	.04	.04	.03	.039	23	.07
19*	.04		.04	.03	.02	.02	.02	.03	.04	.05	.06	.07	.08	.07	.06	.05	.04	.03	.03	.03	.03	.03	.03	.03	.040	23	.09
20	.03		.03	.04	.04	.04	.03	.03	.03			.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.024	21	.04
21	.01		.03	.02	.02	.03	.02	.02									.02	.02	.01	.02	.01	.01	.02	.02	.019	15	.03
22	.02		.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.03	.04	.03	.03	.02	.02	.03	.05	.024	22	.07
23	.07		.03	.03	.02	.02	.02	.05	.03	.03	.04	.05	.05	.05	.05	.06	.05	.04	.03	.04	.04	.04	.04	.03	.039	23	.16
24	.03		.03	.03	.03	.03	.02	.03	.03	.03	.04	.03	.04	.05	.05	.05	.05	.04	.04	.03	.02	.02	.02	.01	.031	23	.06
25*	.01		.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.04	.05	.04	.04	.03	.03	.02	.02	.02	.024	23	.06
26*	.02			.02	.02	.01	.03	.05	.04	.04	.04	.05	.05	.05	.04	.04	.04	.04	.04	.03	.03	.03	.02	.02	.033	22	.07
27	.02	.02			.02	.01	.02	.03	.04	.03	.04	.05	.04	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.027	22	.07
28	.02		.02	.02	.02	.02	.02	.02	.03	.02	.02	.02		.02	.02	.03	.02	.02	.02	.02	.02	.03	.02	.02	.021	22	.03
29	.02	.03		.04	.05	.04	.03	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.025	23	.05
30																											
MEAN	.03		.02	.02	.02	.02	.02	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.031		
NO	24	5	16	23	24	24	24	24	20	20	19	23	22	23	22	23	24	24	25	24	24	24	24	24		529	
MAX	.07	.06	.05	.06	.05	.04	.06	.07	.06	.06	.06	.07	.08	.07	.07	.07	.07	.06	.06	.06	.06	.06	.05	.05	.050		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-401.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON,D.C.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
MAY 1964

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1								.03	.03	.02	.02	.03	.02	.03	.03	.03	.03	.03	.02	.03	.03	.03	.02	.03	.025	17	.04
2*	.03		.03	.03	.02	.02	.03	.03	.04	.04	.04	.04	.05	.05	.05	.05	.05	.04	.04	.03	.03	.02	.02	.02	.034	23	.06
3*	.02		.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.05	.04	.04	.04	.04	.04	.03	.02	.02	.02	.02	.028	23	.05
4	.02		.02	.02	.02	.02	.03					.05	.07	.06	.08	.09	.08	.08	.06	.04	.03	.03	.03	.02	.044	19	.11
5	.02	.02		.01	.03	.05	.08	.07	.05	.04	.05	.06	.07			.07	.07	.07	.04	.03	.03	.03	.02	.02	.044	21	.11
6	.02		.02	.02	.02	.02	.03	.03	.04	.04	.05	.05	.06	.06	.05	.05	.05	.04	.04	.03	.03	.02	.03	.02	.035	23	.06
7	.02		.02	.02	.02	.02	.03	.04	.03	.04	.05	.06	.06	.11	.10	.08	.06	.07	.06	.04	.04	.03	.03	.03	.046	23	.12
8	.04		.04	.06	.05	.07	.09	.09	.08	.11	.10	.08	.07	.07		.06	.05	.04	.04	.03	.03	.03	.03	.03	.060	22	.13
9*	.03		.04	.04	.04	.03	.03	.04	.05	.06	.06	.06	.06	.06	.06	.05	.06	.06	.06	.05	.05	.04	.04	.04	.048	23	.07
10*	.05		.05	.05	.05	.03	.03	.05	.05	.05	.06	.06	.06	.07	.07	.07	.07	.06	.06	.04	.03	.03	.03	.03	.049	23	.07
11	.03		.04	.03	.02	.03	.03	.04		.05	.06	.07	.07	.07	.06	.07	.06	.06	.04	.04	.05	.08	.08	.08	.052	22	.10
12	.08		.09	.03	.03	.02	.03	.04	.05	.06	.07	.07	.08	.10	.06	.05	.05	.05	.04	.04	.03	.02	.03	.02	.048	23	.11
13	.03		.03	.03	.02	.02	.02	.02	.03	.05	.03	.02	.04		.03	.03	.03	.03	.03	.03	.02	.03	.02	.02	.027	22	.05
14	.02		.02	.03	.03	.03	.02	.02									.04	.04	.04	.02	.01	.02	.02	.02	.025	15	.05
15	.02		.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.06	.06	.06	.05	.04	.03	.03	.02	.02	.02	.027	23	.08
16*	.02		.02	.02	.02	.02	.03	.03	.04	.04	.06	.06	.06	.07	.07	.06	.06	.06	.06	.05	.05	.03	.04	.04	.042	23	.07
17*	.03	.03		.02	.02	.02	.02	.02	.02	.03	.04	.07	.09	.09	.09	.08	.05	.06	.05	.04	.02	.03	.05	.04	.043	23	.10
18	.02	.04		.02	.02	.01	.03	.04	.07	.08	.06	.06	.06	.07	.05	.07	.07	.08	.07	.04	.04	.02	.03	.03	.046	23	.09
19	.02		.03	.03	.03	.02	.03	.03	.05			.08	.08	.07	.08	.08	.08	.07	.06	.04	.03	.04	.04	.05	.049	21	.09
20	.04		.05	.06	.05	.04	.04	.04	.05	.05	.06	.06	.05	.05			.05	.05	.04	.03	.02	.02	.02	.02	.042	21	.07
21	.02			.02	.03	.02	.02	.03	.03	.04		.05		.07	.08	.07	.06	.06	.05	.04	.04	.04	.04	.04	.043	20	.08
22	.04		.04	.04	.03	.03	.03	.04	.05	.06	.09	.10	.10	.11	.11	.09		.08							.064	16	.12
23*			.02	.02	.02	.03	.03	.05	.07	.11	.10	.10	.10	.10	.10	.10	.09	.07							.069	16	.12
24*																											
25									.04			.05	.06	.06	.07	.07	.06	.07	.04	.06	.05	.05	.04	.04	.055	14	.07
26	.04		.03	.03	.03	.03	.03	.04	.05								.05	.04	.03	.02	.01	.02	.02	.02	.030	16	.06
27	.02		.03	.03	.03	.02	.03	.04	.05	.06	.05	.06	.06	.06	.05	.05	.05	.05	.05	.04	.04	.06	.06	.06	.045	23	.07
28	.05		.05	.05	.04	.04	.04	.05	.05	.05	.05	.05	.04	.05	.04	.03	.03	.03	.03	.02	.02	.02	.03	.03	.039	23	.06
29	.03		.03	.03	.02	.02	.02	.02	.03	.04	.04	.05	.06	.06	.06	.06	.06	.06	.05	.03	.05	.03	.03	.05	.040	23	.07
30*	.06		.02	.01	.01	.02	.02	.03	.04	.05	.07	.08	.09	.10	.10	.10	.09	.07	.07	.05	.04	.05	.06	.06	.055	23	.11
31*	.07		.06	.04	.03	.03	.04	.05	.05	.05	.07	.08	.09	.09			.08	.07	.06	.05	.05	.04	.03	.03	.054	21	.10
MEAN	.03		.03	.03	.03	.03	.03	.04	.04	.05	.06	.06	.06	.07	.07	.06	.06	.06	.05	.04	.03	.03	.03	.03	.044		
NO	27	3	24	28	28	28	28	28	27	25	24	28	27	26	24	26	29	30	28	28	28	28	28	28		628	
MAX	.08	.04	.06	.06	.05	.07	.09	.09	.08	.11	.10	.10	.10	.11	.11	.10	.09	.08	.07	.06	.05	.08	.08	.08	.069		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-402.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JUNE 1964

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.02		.02	.03	.03	.03	.03			.05	.05	.06	.05	.05	.05	.04	.05	.05	.04	.03	.02	.02	.03	.02	.037	21	.07
2	.02		.03	.02	.02	.02	.03	.02	.02		.02	.02	.04	.04	.06	.07	.05	.04	.04	.03	.02	.02	.02	.02	.030	22	.07
3	.02		.02	.02	.02	.02	.02	.02	.02	.03	.04	.05	.04	.04	.05	.05	.05	.05	.04	.04	.03	.03	.02	.03	.032	23	.06
4	.04		.03	.02	.02	.02	.04	.04	.05	.06	.07	.07	.07	.06	.06	.06	.06	.06	.05	.03	.04	.05	.06	.05	.047	23	.08
5	.03		.03	.03	.04	.02	.02	.03	.04	.05	.05	.07	.09	.10	.12	.11	.11	.10	.08	.06	.06	.05	.05	.04	.059	23	.13
6*	.04		.05	.04	.04	.03	.03	.04	.04	.04	.05	.06	.06	.06	.07	.07	.07	.06	.04	.03	.03	.03	.03	.03	.045	23	.08
7*	.03		.04	.05	.05	.06	.05	.05	.06	.06	.06	.06	.06	.06	.07	.07	.06	.06	.06	.06	.06	.06	.06	.06	.056	23	.08
8	.05		.05	.04	.04	.03	.03	.04	.06	.08			.11	.08	.06	.09	.08	.04	.05	.04	.03	.03	.03	.02	.051	21	.12
9	.02		.02	.03	.02	.01	.02	.04		.12	.07	.07	.06	.07	.08	.08	.07	.07	.07	.06	.05	.04	.05	.05	.052	22	.15
10	.04		.03	.02	.02	.02	.03	.04	.07	.07	.08	.06	.06	.05	.05	.06	.06	.06	.04	.06	.06	.06	.06	.06	.051	23	.09
11	.06		.07	.07	.06	.04	.03	.03	.04	.04	.05	.05	.06	.05	.05	.05	.05	.06	.05	.03	.02	.03	.03	.04	.045	23	.08
12	.06		.04	.03	.02	.04	.04	.03	.06	.07	.09	.09	.09	.09	.07	.06	.05	.06	.06	.06	.06	.05	.04	.04	.055	23	.10
13*	.05		.05	.03	.03	.04	.04	.04	.04	.05	.06	.08	.08	.08	.09	.07	.07	.06	.04	.03	.02	.02	.01	.02	.048	23	.11
14*	.01		.01	.01	.01	.01	.02	.03	.04	.05	.05	.06	.06	.07	.07	.06	.05	.05	.04	.03	.02	.02	.02	.02	.035	23	.09
15	.02		.02	.02	.02	.01	.02	.04		.08	.06	.06	.05			.05	.04	.03	.03	.02	.01	.01	.01	.01	.030	20	.11
16	.03		.04	.04	.04	.02	.02	.03			.03	.04	.04	.05			.04	.04	.04	.03	.02	.02	.02	.02	.032	19	.05
17	.02		.03	.02	.02	.01	.02		.03	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.03	.01	.03	.05	.05	.033	22	.06
18	.03		.07	.04	.05	.06	.07	.05	.07	.08	.08	.08	.08	.07	.06	.06	.05	.06	.06	.04	.02	.03	.02	.03	.053	23	.10
19	.03		.02	.02	.01	.01	.01	.01	.02	.03	.03	.04	.04	.05	.04	.03									.026	15	.05
20*																											
21*																											
22										.05	.06	.06	.07	.07	.06	.07	.08	.09	.11	.11	.09	.07	.06	.05	.072	15	.12
23	.05		.06	.06	.08	.07	.06									.07	.06	.05	.05	.04	.03	.02	.01	.02	.047	15	.09
24	.02		.02	.01	.01	.01	.01		.00	.00	.00	.00	.00	.00	.00	.02	.03	.03	.02	.01	.02	.02	.01	.01	.011	22	.04
25	.01			.03	.03	.02	.02	.02	.03	.03	.04	.04	.04	.04	.06	.05	.05	.06	.05	.03	.02	.02	.02	.02	.033	22	.06
26	.03		.02	.02	.03	.03	.03	.04	.06	.07	.07	.10	.11	.16	.17	.17	.15	.12	.10	.05	.03	.02	.02	.03	.070	23	.19
27*	.02		.03	.03	.03	.02	.03	.03	.06	.09	.10	.11	.12	.11	.09	.09	.08	.05	.05	.04	.02	.02	.02	.03	.056	23	.12
28*	.03		.04	.03	.03	.03	.03	.03	.04	.04	.06	.06	.08	.08	.08	.07	.06	.07	.07	.05	.03	.03	.03	.03	.047	23	.08
29																											
30																											
MEAN	.03		.03	.03	.03	.03	.03	.03	.04	.06	.05	.06	.06	.07	.07	.07	.06	.06	.05	.04	.03	.03	.03	.03	.044		
NO	25		24	25	25	25	25	21	20	23	24	24	25	24	23	25	25	25	25	25	25	25	25	25		558	
MAX	.06		.07	.07	.08	.07	.07	.05	.07	.12	.10	.11	.12	.16	.17	.17	.15	.12	.11	.11	.09	.07	.06	.06	.072		.19

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-403.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JULY 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.02		.02	.02	.02	.02	.02	.05	.06	.08	.11	.10	.12	.11	.08	.06	.05	.05	.05	.04	.03	.02	.03	.03	.051	23	.12
2	.03		.04	.04	.03	.02	.03	.04	.05	.07	.07	.09	.11	.10	.08	.06	.04	.04	.04	.03	.02	.02	.02	.02	.045	23	.12
3	.02		.02	.02	.02	.02	.02	.02	.03	.04	.06	.06	.07	.07	.06	.04	.03	.03	.02	.02	.02	.02	.02	.02	.032	23	.08
4*	.02		.01	.01	.01	.01	.02	.03	.04		.03	.04	.04	.03	.06	.06	.06	.05	.04	.03	.03	.02	.02	.02	.030	22	.06
5*	.02		.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.02					.026	19	.04
6											.05	.06	.06	.05	.05	.04	.05	.05	.05	.04	.03	.02	.02	.03	.041	14	.06
7	.02		.02	.02	.03	.02	.03	.04	.09	.12	.05	.08		.10			.11	.10	.06	.06	.06	.06	.05	.05	.058	20	.14
8	.04		.04	.04	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.03	.03	.03	.03	.02	.02	.02	.026	23	.05
9	.02		.03	.02	.02	.02	.02	.02	.02	.03	.04	.06	.06	.05	.05	.05	.05	.06	.05	.05	.04	.03	.02	.03	.036	23	.07
10	.02		.03	.02	.02	.02	.02	.03		.07	.09	.11	.10	.10	.10	.08	.08	.09	.07	.04	.02	.02	.02	.02	.054	22	.12
11*																											
12*																											
13																											
14																											
15											.06	.06	.06	.06	.05	.04	.04	.05	.04	.04	.03	.02	.02	.02	.041	14	.08
16	.01		.02	.01	.02	.01	.02	.04	.06	.06	.09	.10	.10	.09	.08	.08	.07	.06	.05	.05	.03	.02	.02	.02	.048	23	.11
17	.02		.02	.02	.02	.01	.02	.07	.11	.11	.09	.13	.12	.11	.12	.10	.07	.06	.07	.04	.03	.03	.02	.02	.061	23	.15
18*	.02		.01	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.05	.03	.03	.03	.02	.02	.01	.01	.01	.01	.01	.021	23	.05
19*	.01		.01	.01	.01	.01	.01	.01	.01	.02	.03	.04	.04	.04	.04	.04	.03	.02	.02	.01	.01	.01	.01	.01	.019	23	.05
20	.01		.01	.00	.01	.01	.00	.01	.02	.03	.04	.03	.05	.06	.04	.01	.00	.01	.01	.01	.01	.01	.01	.01	.016	23	.07
21																											
22																											
23																											
24								.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.018	17	.03
25*	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.04	.04	.03	.03	.02	.02	.02	.02	.02	.019	23	.04
26*	.02		.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.03	.03	.04	.05	.05	.04	.03	.02	.01	.01	.01	.01	.023	23	.05
27																											
28																											
29																											
30																											
31	.00		.00	.00	.00	.00	.00	.01	.03	.03	.04	.06	.07	.08	.09	.11	.11	.10	.06	.03	.02	.02	.03	.03	.040	23	.13
MEAN	.02		.02	.02	.02	.01	.02	.03	.04	.04	.05	.06	.06	.06	.06	.05	.05	.05	.04	.03	.02	.02	.02	.02	.035		
NO	17		17	17	17	17	17	18	17	17	20	20	19	20	19	19	20	20	20	20	19	19	19	19		427	
MAX	.04		.04	.04	.04	.02	.03	.07	.11	.12	.11	.13	.12	.11	.12	.11	.11	.10	.07	.06	.06	.06	.05	.05	.061		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-404.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
AUG. 1964

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.02		.01	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.05	.05	.04	.06	.07	.08	.07	.05	.05	.04	.038	23	.09
2*	.04		.03	.03	.04	.03	.03	.03	.03	.04	.06	.05	.06	.09	.09	.07	.07	.06	.05	.04	.04	.03	.03	.03	.046	23	.10
3	.03		.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.03	.03	.02	.02	.02	.02	.023	23	.04
4	.02		.03	.03	.02	.02	.02	.02	.03	.03	.03	.04	.04	.04	.05	.05	.04	.03	.03	.02	.02	.02	.02	.02	.028	23	.05
5	.02		.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.05	.06	.07	.07	.07	.06	.05	.04	.03	.02	.02	.02	.035	23	.09
6	.02		.02	.02	.02	.01	.02	.02	.03			.05	.05	.05	.06	.06	.07	.05	.04	.02	.02	.04	.05	.05	.036	21	.08
7	.04		.03	.04	.05	.05	.05	.05	.04	.04	.05	.06	.06	.06	.05	.04	.04	.05	.04	.03	.02	.04	.03	.02	.042	23	.08
8*	.02		.03	.03	.02	.02	.02	.02	.03	.04	.06	.07	.07	.05	.03	.05	.06	.05	.05	.04	.04	.03	.03	.02	.038	23	.08
9*																											
10								.02	.02	.02	.02	.03	.03	.04	.04	.04	.05	.05	.04	.04	.02	.02	.03	.02	.031	17	.06
11	.02		.02	.02	.02	.02	.02				.02	.02		.03			.03	.03	.02	.02	.02	.02	.02	.01	.021	17	.04
12																											
13																											
14	.02		.02	.02	.02	.02	.02	.02	.03	.03	.04	.05	.05	.06	.06	.06	.05	.05	.04	.03	.02	.02	.03	.02	.033	23	.06
15*	.02		.02	.02	.02	.02	.02	.03	.04	.05	.06	.07	.08	.08	.08	.08	.07	.07	.06	.04	.03	.03	.04	.04	.045	23	.09
16*	.03		.04	.03	.03	.04	.03	.05	.04	.06	.07	.07	.06	.05	.06	.06	.04	.03	.03	.02	.02	.03	.03	.03	.041	23	.07
17	.03		.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.05	.07	.07	.07	.07	.08	.06	.04	.03	.03	.03	.03	.039	23	.09
18	.03		.03	.02	.02	.02	.02		.03								.05	.04	.03	.04	.02	.03	.02	.03	.028	15	.06
19	.04			.03	.03	.02	.02	.02		.03	.03	.04	.04		.04	.04	.04	.04	.03	.02	.02	.03	.03	.04	.030	20	.05
20	.03		.06	.07	.06	.03	.04	.04	.05	.05	.06	.06	.07	.08	.07	.06	.06	.06	.04	.03	.03	.03	.04	.02	.048	23	.08
21	.03		.03	.03	.02	.02	.03			.09	.10	.12	.13			.09	.07	.07	.04	.04	.04	.04	.04	.02	.054	19	.14
22*	.02		.03	.02	.01	.02	.01	.02	.03	.04	.05	.04	.05	.04	.03	.04	.04	.04	.03	.02	.02	.02	.01	.02	.027	23	.06
23*	.02		.01	.01	.01	.02	.01	.02	.02	.03	.04	.05	.06	.06	.07	.06	.06	.05	.04	.03	.02	.02	.02	.02	.032	23	.07
24	.03		.04	.03	.03	.02	.03	.04			.06	.07		.07	.07	.07	.06	.06	.04	.02	.03	.02	.03	.03	.042	20	.08
25	.04		.04	.04	.03	.02	.02	.02	.04	.06	.05	.11	.08	.10			.04	.05	.04	.04	.02	.02	.03	.03	.044	21	.12
26	.02		.03	.03	.03	.01	.01	.02	.05	.06	.06	.07	.07	.08	.08	.07	.05	.05	.05	.04	.04	.03	.02	.02	.042	23	.09
27	.02		.01	.01	.01	.02	.02	.02	.03	.05	.06	.07	.08	.07	.05	.05	.05	.05	.04	.04	.04	.04	.04	.03	.038	23	.08
28	.03		.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.04	.05	.06	.05	.04	.04	.02	.02	.01	.01	.01	.01	.028	23	.07
29*	.01		.01	.01	.01	.01	.01	.01	.01	.02	.04	.05	.06	.06	.05	.05	.04	.05	.04	.02	.01	.01	.01	.01	.025	23	.07
30*	.01		.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.02	.02	.01	.01	.00	.00	.00	.00	.01	.01	.012	23	.04
31	.00		.01	.00	.00	.01	.00	.01	.02	.02	.04	.04	.03				.02	.02	.02	.02	.02	.01	.01	.01	.014	20	.05
MEAN	.02		.02	.02	.02	.02	.02	.02	.03	.04	.04	.05	.06	.06	.05	.05	.05	.05	.04	.03	.03	.02	.03	.02	.034		
NO	27		26	27	27	27	27	25	24	24	26	27	25	24	23	24	28	28	28	28	28	28	28	28		607	
MAX	.04		.06	.07	.06	.05	.05	.05	.05	.09	.10	.12	.13	.10	.09	.09	.07	.08	.07	.08	.07	.05	.05	.05	.054		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-405.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON.D.C.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
SEPT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.00		.01	.02	.02	.02	.02	.02	.02	.02	.04	.05	.07	.06	.06	.06	.05	.05	.04	.02	.02	.02	.02	.02	.032	23	.07
2	.02	.02		.03	.03	.03	.01	.02	.03	.04	.07	.09		.10	.09	.07	.07	.07	.05	.03	.03	.02	.03	.05	.045	22	.11
3	.04		.02	.02	.02	.02	.04	.04	.05	.07	.07	.08	.09	.09	.09	.08	.08	.07	.04	.05	.07	.05	.04	.03	.054	23	.10
4	.03		.02	.03	.02	.02	.02	.04	.05	.09	.14	.18	.14	.13	.10	.09	.08	.06	.04	.04	.05	.03	.04	.03	.063	23	.19
5*	.02		.03	.03	.03	.02	.02	.02	.04	.07	.09	.10	.09	.08	.09	.08	.10	.09	.07	.07	.05	.07	.06	.05	.060	23	.11
6*	.05		.05	.04	.04	.03		.04	.05	.05	.06	.07	.08	.09	.10	.10	.11	.10	.06	.03	.02	.02	.02	.02	.056	22	.11
7	.02		.03	.02	.03	.04	.04	.05	.07	.09	.09	.11	.12	.12	.11	.11	.10	.09	.08	.06	.04	.05	.04	.05	.067	23	.13
8	.03		.03	.03	.02	.01	.03	.03	.02	.03	.04	.07	.09	.11	.11	.10	.09	.08	.05	.03	.02	.02	.02	.01	.046	23	.12
9	.02		.02	.02	.01	.01	.02	.03	.04	.06	.04	.06	.09		.13	.11	.09	.07	.03	.02	.02			.01	.044	20	.14
10	.01		.01	.01	.01	.01	.01	.00	.01	.03			.03	.03	.02	.02	.02	.01	.01	.01	.01	.01	.00	.01	.012	21	.05
11	.00		.00	.00	.00	.00	.00	.01	.01	.02	.03	.04	.04	.03	.03	.03	.03	.02	.01	.01	.01	.01	.03	.05	.018	23	.05
12*	.04		.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.020	23	.05
13*	.01		.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.01	.01	.017	23	.02
14	.02		.02	.02	.01	.01	.02	.02	.02	.03	.04	.04	.05	.06	.06	.05	.05	.04	.03	.04	.04	.02	.02	.02	.032	23	.07
15	.02		.02	.02	.02	.03	.06	.04	.04	.06	.07	.08	.08	.08	.07	.07	.07	.07	.04	.06	.05	.04	.05	.02	.050	23	.09
16	.02		.02	.01	.01	.02	.02			.03	.04	.07	.08	.09	.10	.10	.09	.07	.05	.04	.04	.05	.04	.05	.049	21	.12
17	.05		.03	.05	.04	.02	.02	.03	.04	.06	.07	.08	.08	.08	.07	.06	.04	.04	.04	.03	.03	.03	.04	.03	.046	23	.09
18	.03		.04	.04	.04	.02	.02	.02	.03	.03	.03	.05	.06	.05	.06	.05	.04	.03	.03	.02	.02	.02	.02	.02	.033	23	.07
19*	.02		.02	.01	.01	.01	.02	.02	.02	.03	.03	.04	.05	.06	.05	.04	.02	.02	.02	.03	.02	.02	.01	.01	.024	23	.06
20*	.01		.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.012	23	.02
21	.01		.01	.01	.01	.01	.02	.02	.02	.02		.02	.03		.07	.08	.07	.05	.03	.02	.02	.02	.01	.01	.026	21	.10
22	.01		.01	.01	.01	.01	.02	.01				.04	.04	.04			.03	.02	.02	.02	.02	.02	.02	.02	.021	18	.05
23	.01			.02	.02	.02	.02	.02	.04	.05	.06	.07		.07	.07	.06	.03	.03	.02	.02	.02	.02	.03	.04	.034	21	.07
24	.04		.03	.03	.02	.02	.03	.03	.02	.03	.04	.05	.05	.04	.04	.04	.03	.03	.02	.02	.02	.03	.03	.03	.031	23	.06
25	.02		.02	.02	.02	.02	.03	.02	.02	.02	.02	.03	.03	.04	.03	.04	.03	.02	.02	.03	.04	.06	.07	.08	.031	23	.11
26*																											
27*																											
28	.01		.03	.03	.02	.02	.01	.02	.02	.01	.01	.02	.01	.01	.02	.01	.01	.02	.02	.01	.02	.02	.02	.02	.017	23	.03
29	.01		.01	.01	.02	.02	.03	.03	.02	.02	.03	.03	.02	.03	.04	.04	.05	.05	.02	.05	.04	.03	.02	.02	.027	23	.06
30	.02		.01	.02	.02	.02	.02	.03	.02	.02	.02	.02	.01			.02	.02	.02	.02	.02	.02	.02	.02	.01	.017	21	.03
MEAN	.02		.02	.02	.02	.02	.02	.02	.03	.04	.05	.06	.06	.06	.06	.06	.05	.04	.03	.03	.03	.03	.03	.03	.035		
NO.	28	1	26	28	28	28	27	27	26	27	25	27	26	25	26	27	28	28	28	28	28	27	27	28		624	
MAX	.05	.02	.05	.05	.04	.04	.06	.05	.07	.09	.14	.18	.14	.13	.13	.11	.11	.10	.08	.07	.07	.07	.07	.08	.067		.19

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-406.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
OCT. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.02		.02	.02	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.022	22	.04
2	.01		.01	.01	.01	.02	.02									.04	.01	.01	.01	.01	.01	.01	.01	.01	.013	15	.04
3*	.01		.03	.03	.03	.02	.02	.02	.03	.03	.04	.04	.05	.04	.05	.06	.05	.03	.04	.03	.03	.02	.02	.02	.030	23	.06
4*	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.04	.04	.01	.02	.02	.02	.021	23	.06
5	.02		.02	.02	.02	.02	.03		.03	.03	.03	.03	.02	.02		.03	.03	.03	.03	.05	.05	.05	.05	.03	.030	21	.07
6	.02		.02	.02	.02	.02	.04	.03	.03	.03	.03	.04		.04	.04	.04	.04	.03	.03	.03	.03	.02	.02	.02	.028	22	.05
7	.02		.02	.02	.01	.02	.03	.02	.02	.02	.03	.03	.03	.04	.04	.04	.04	.03	.02	.03	.04	.08	.09	.07	.034	23	.12
8	.12		.08	.08	.05	.04	.04	.05	.05	.04	.05	.06		.07	.07	.07	.05	.04	.03	.03	.03	.03	.03	.02	.049	22	.12
9	.03		.05	.06	.06	.05	.09		.07	.04	.03	.04	.04	.04	.05	.05	.04	.03	.03	.02	.02	.02	.02	.02	.041	22	.12
10*	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.021	23	.04
11*	.02		.01	.01	.02	.01	.01	.02	.02	.02	.02	.03	.03	.03	.04	.04	.04	.03	.01	.01	.03	.05	.06	.07	.026	23	.08
12	.06		.03	.04	.03	.02	.03	.05	.05	.04	.03	.03		.04	.03	.04	.03	.02	.02	.02	.02	.03	.04	.04	.033	22	.07
13	.04		.02	.01	.01	.02	.06	.06	.06	.05	.05	.06	.06	.06			.05	.04	.06	.06	.06	.08	.07	.07	.049	21	.10
14	.06			.02	.02	.03	.04	.04	.03	.05	.05	.06	.06	.07	.07	.06	.04	.03	.07	.07	.06	.05	.07	.07	.051	22	.10
15	.10		.10	.09	.11	.10	.13	.15	.15	.07	.04	.06			.08	.06	.04	.03	.06	.03	.07	.06	.10	.09	.082	21	.18
16	.04		.02	.03	.02	.03	.03		.02	.04	.04	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.021	22	.06
17*	.01		.01	.01	.01	.01	.02	.01	.01	.01	.01	.02	.02	.02			.02	.01	.01	.01	.01	.01	.01	.01	.012	21	.02
18*	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.04	.04	.06	.07	.07	.06	.03	.04	.03	.03	.04	.04	.029	23	.08
19	.03	.00		.02	.02	.01	.01	.01			.00	.00	.00	.00	.01	.01	.00	.01	.01	.01	.00	.01	.01	.01	.008	21	.04
20	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.001	21	.01
21	.00			.00	.00	.00	.00	.00	.00		.02	.03	.02			.03	.03	.02	.02	.02	.02	.02	.02	.02	.014	19	.03
22		.02	.02	.03	.02	.02	.01	.00	.01	.02	.02	.03	.02	.03	.03	.03	.03	.02	.02	.03	.02	.02	.02	.02	.021	23	.04
23	.02		.02	.02	.02	.03	.05	.05			.01	.02	.01			.02	.02	.01	.01	.01	.01	.02	.01	.01	.019	19	.07
24*																											
25*																											
26	.02		.04	.03	.02	.02	.04	.05	.07	.04	.04	.06	.06	.07	.06	.06	.05	.05	.10	.09	.08	.08	.12	.11	.058	23	.14
27	.06		.04	.05	.04	.03	.04	.06	.08	.07			.05	.04	.03	.03	.03	.03	.03	.02	.03	.03	.02	.03	.040	21	.10
28	.03		.02	.03	.03	.07	.06	.05	.04	.02	.03	.03	.04	.04	.04	.05	.03	.03	.03	.02	.03	.02	.02	.02	.032	23	.08
29	.02		.02	.02	.02	.02	.02	.02	.03	.03		.03	.05	.03	.03	.04	.03	.02	.03	.06	.09	.09	.11	.08	.040	22	.13
30	.07		.02	.01	.01	.01	.01	.01	.02			.03	.03	.03	.03	.03	.02	.02	.03	.04	.03	.04	.05	.02	.027	21	.08
31*	.02		.04	.03	.02	.00	.01	.05	.02	.03	.03	.03	.04	.05			.03	.02	.02	.03	.05	.06	.08	.09	.035	21	.10
MEAN	.03		.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.02	.03	.03	.03	.03	.04	.04	.031		
NO	28	2	26	29	29	29	29	24	26	24	25	27	24	25	21	25	29	29	29	29	29	29	29	29		625	
MAX	.12	.02	.10	.09	.11	.10	.13	.15	.15	.07	.05	.06	.06	.07	.08	.07	.07	.06	.10	.09	.09	.09	.12	.11	.082		.18

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-407.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
NOV. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX.
1*	.11			.13	.12	.09	.09	.10	.05	.03	.03	.04	.05	.06	.06	.06	.04	.03	.02	.02	.03	.08	.09	.07	.064	22	.14
2	.05		.10	.09	.10	.09	.11	.14	.13	.08	.05	.06	.09	.09	.08	.06	.06	.03	.04	.04	.05	.03	.04	.03	.071	23	.16
3	.02		.03	.03	.04	.03				.03						.03	.02	.02	.03	.07	.08	.10	.11	.11	.050	15	.13
4	.10		.06	.04	.02	.02	.04	.05	.03	.03	.04	.05	.06	.06	.07	.06	.04	.04	.06	.06	.05	.06	.09	.10	.053	23	.12
5	.09		.04	.03	.02	.02	.03	.05	.05	.03	.02	.03	.04	.04	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.032	23	.10
6	.02		.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.019	23	.03
7*	.02		.03	.03	.03	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04	.04	.02	.02	.02	.06	.07	.07	.08	.08	.036	23	.15
8*	.07		.07	.07	.06	.06	.08	.14	.13	.12	.07	.06	.06	.06	.07	.08	.05	.04	.04						.073	18	.16
9																											
10	.05		.01	.02	.02	.02	.02	.04	.06	.02	.02	.03	.04	.04			.03	.05	.03	.04	.03	.03	.02	.02	.029	21	.07
11	.02			.03	.02	.02	.02	.03	.02	.03	.03	.04	.04	.04	.04	.04	.03	.03	.05	.05	.02	.02	.03	.03	.031	22	.07
12	.03		.03	.03	.05	.07	.04	.07	.09	.03	.03	.02	.03	.02	.04	.04	.03	.04	.02	.02	.02	.03	.02	.02	.034	23	.13
13	.02		.03	.02	.02	.02	.01	.02	.02	.01	.01	.02	.03	.02	.03	.02	.03	.02	.01	.02	.01	.01	.02	.01	.018	23	.04
14*	.02		.01	.01	.01	.01	.01	.02	.01	.02	.02	.02	.02	.03	.03	.03	.02	.02	.05	.06	.06	.08	.08	.09	.031	23	.10
15*	.08		.08	.14	.10	.06	.05	.04	.02	.02	.02	.02	.03	.03	.03	.03	.04	.07	.10	.13	.15		.04	.02	.058	22	.17
16	.02		.02	.02	.02	.02	.02	.03	.04	.03	.02	.02	.02	.02				.06	.04	.03	.02				.025	17	.08
17																											
18	.01		.01	.02	.02	.01	.01	.02	.00	.00	.00	.00	.01	.00	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.010	23	.03
19	.02		.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.010	23	.03
20	.01		.01	.02	.01	.01	.01	.01	.01				.01	.00	.00	.01	.01	.00	.02	.01	.02	.00	.01	.01	.009	20	.03
21*		.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.02	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.006	23	.02
22*	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00							.000	16	.01
23																											
24																											
25											.00	.00	.00	.00		.01	.01	.01	.01	.01	.01	.01	.01	.01	.006	13	.02
26	.01		.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.00	.01	.02	.02	.01	.009	23	.06
27	.01		.02	.01	.01	.01	.01	.01	.00	.00	.01	.01	.02		.03			.01	.01						.011	15	.04
28*																											
29*			.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.01	.00	.00	.00	.006	22	.02
30	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.01	.01	.01	.01	.002	23	.01
MEAN	.04		.03	.03	.03	.02	.03	.04	.03	.02	.02	.02	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.028		
NO.	22	1	21	24	24	24	23	23	23	23	23	23	24	23	21	22	23	25	24	22	22	20	21	21		522	
MAX.	.11	.00	.10	.14	.12	.09	.11	.14	.13	.12	.07	.06	.09	.09	.08	.08	.06	.07	.10	.13	.15	.10	.11	.11	.073		.17

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-408.

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
DEC. 1964

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.01		.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00			.00	.00	.00	.00	.01	.00	.00	.01	.003	20	.01
2																											
3																											
4																											
5*																											
6*																											
7			.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.002	22	.02
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*																											
20*																											
21																											
22																											
23																											
24									.03	.03	.03	.03	.03	.03	.04	.04	.07	.07	.07	.07	.06	.07	.08	.08	.051	16	.11
25	.09		.08	.01	.01										.03	.03	.03	.04	.05	.05	.06	.07	.06	.08	.049	14	.11
26*	.04		.02	.02	.01	.02	.02	.02	.02	.03	.02	.02	.02	.02		.02	.02	.02	.02	.03	.04	.03	.04	.04	.024	22	.10
27*	.03		.02	.02	.01	.01	.02	.03	.03	.03	.02	.02	.01	.02	.02	.01	.02	.02	.02	.02	.02	.02	.01	.02	.019	23	.04
28	.01		.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	23	.03
29	.02		.01	.01	.01	.01	.01	.02	.01	.01	.02	.01	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.016	21	.03
30								.03	.03			.03	.03	.03			.05	.07	.13	.17	.20	.13	.11	.05	.079	13	.24
31	.03							.02	.02	.01	.01	.01	.02	.02			.02	.02	.01	.01	.01	.01	.01	.01	.014	16	.04
MEAN																											
NO.	7		7	7	7	6	4	8	8	8	8	9	9	9	5	6	10	10	10	10	10	10	10	10		190	
MAX.	.09		.08	.02	.01	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04	.04	.07	.07	.13	.17	.20	.13	.11	.08	.079		.24

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., AUG. 30, 1967

TABULATED 10/30/68

Table 3-409.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
	WASHINGTON D.C.													JAN/64	
01	1.5	2.3	1.5	1.4	1.6	0.8	0.9	2.0	1.3	1.1	1.3	1.0	1.42	12	2.3
02	1.1	1.2	2.4	2.9	2.4	1.9	1.5	1.6	3.1	3.1	2.8	1.7	2.19	12	3.1
03	1.7	1.3	2.0	3.2	3.8	2.6	2.0	1.7	2.1	2.2	1.8	1.9	2.22	12	3.8
04	1.4	1.2	1.5	1.4	1.6	1.1	0.9	0.8	1.1	1.5	1.4	1.3	1.30	12	1.6
05	1.2	1.4	1.5	2.3	1.7	2.0	1.7	1.2	1.9	4.2	3.1	2.7	2.10	12	4.2
06	2.4	1.8	1.4	2.1	2.0	1.4	1.4	1.6	2.7	1.2	1.5	2.1	1.85	12	2.7
07															
08															
09										2.2	1.9	1.8			
10	2.7	2.3	1.1	1.1	1.1	0.7	1.9	1.7	1.5	1.1	1.2	1.0	1.49	12	2.7
11	0.9	1.7	0.9	0.9	0.8	1.1	2.1	1.6	1.5	1.5	2.3	2.8	1.55	12	2.8
12	3.9	2.4	2.1	1.7	1.7	1.2	1.3	2.6	2.9	2.7	2.0	2.7	2.30	12	3.9
13	2.6	1.9	3.6	2.4	4.0	3.7	2.4	3.7	2.8	2.6	1.9	1.3	2.78	12	4.0
14	1.1	0.9	1.3	1.8	1.8	1.2	1.3	1.9	2.0	2.2	2.2	1.8	1.67	12	2.2
15	1.5	1.9	2.0	3.1	2.2										
16															
17															
18															
19															
20															
21															
22						1.8	2.4	2.6	2.5	3.1	3.5	3.0	2.74	07	3.5
23	3.5	3.5	3.6	2.8	4.5	2.1	2.0	1.9	2.8	2.5	2.6	2.8	3.08	12	4.8
24	1.9	1.9	2.8	3.9	4.8	4.0	2.4	2.9	3.1	3.4	2.9	2.0	3.03	12	4.8
25	1.8	1.6	0.8	0.7	0.9	0.9	1.3	2.1	0.9	2.3	3.0	1.8	1.55	12	3.0
26	1.1	0.8	1.2	0.7	1.2	1.1	0.8	0.8	0.9	0.9	1.3	1.7	1.09	12	1.7
27	2.0	1.9	2.0	3.6	4.4	2.5	1.6	2.0	2.7	2.4	3.0	2.9	2.63	12	4.4
28	2.6	2.3	2.2	1.7	1.5	1.4	1.0	1.7	1.5	2.0	1.6	1.2	1.77	12	2.6
29	1.2	1.8	1.2	1.7	2.3	2.8	1.2	1.3	2.6	2.7	2.5	2.0	1.99	12	2.8
30	1.4	1.4	1.9	2.9	3.3	1.8	1.3	1.5	2.5	2.4	2.3	2.3	2.12	12	3.3
31	1.9	4.0	4.3	3.7	4.3	2.9	1.8	2.4	2.3	2.1	2.0	1.7	2.30	12	4.7
AVG	1.87	1.88	1.96	2.33	2.47	1.85	1.58	1.88	2.12	2.24	2.20	1.98	2.03		
N(3)	21	21	21	21	21	21	21	21	21	21	21	21		247	
MAX*	3.9	4.0	4.3	3.8	4.8	4.0	2.4	3.7	3.1	4.2	3.5	3.0	3.08		4.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-410.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

WASHINGTON D.C. FEB/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.3	2.2	1.6	2.1	2.8	2.1	2.3	1.9	2.6	2.5	1.8	1.2	2.08	12	2.8
02	1.1	0.7	0.9	1.1	1.2	1.1	0.8	1.1	1.0	1.3	1.1	1.1	1.07	12	1.3
03	0.8	0.5	0.9	1.4	1.5	1.4	0.9	1.0	1.4	1.5	1.5	1.8	1.26	12	1.8
04	1.8	2.1	1.9	4.6	2.2	1.6	1.4	1.5	2.0	1.7	2.1	3.4	2.07	12	3.4
05	3.5	2.5	2.9	3.5	4.0										
06															
07															
08															
09															
10															
11							1.0	1.4	2.0	2.5	3.8	3.8			
12							2.8	2.9	3.9	3.7	2.4	2.5	3.04	12	3.9
13	3.3	3.1	2.3	3.5	3.0	2.7	1.1	1.0	1.3	1.7	1.6	1.9	1.55	12	2.1
14	2.1	1.5	1.1	2.1	1.4	1.4	2.0	1.6	1.8	1.5	2.1	1.4	2.46	12	4.4
15	1.8	3.1	3.8	4.4	3.2	2.3									
16	0.9	0.7	1.1	1.2	1.0	1.3	1.1	0.9	1.0	1.3	0.7	1.0	1.05	12	1.3
17	0.9	0.9	1.4	2.2	1.9	1.3	1.4	1.8	2.5	1.9	2.0	2.2	1.74	12	2.5
18	2.0	1.5	2.2	3.4	3.6	3.0	3.0	2.3	1.8	0.5	0.9	0.9	2.15	12	3.6
19	0.7	1.0	1.1	1.6	2.1										
20															
21						1.3	1.2	1.1	1.3	1.6	1.7	2.4	1.55	07	2.4
22						0.9	0.9	0.7	0.8	2.1	1.5	1.5	1.62	12	3.0
23	3.0	1.8	1.6	2.8	1.4	1.1	0.9	0.4	0.6	0.6	0.8	0.5	1.20	12	2.5
24	2.2	2.1	2.5	1.2	0.8	0.9	0.2	0.4	1.3	1.3	0.9	0.7	0.85	12	1.3
25	0.8	0.8	0.8	0.6	1.0										
26	1.0	0.3	1.3	2.0	0.8	0.6	0.7	0.3	0.5	0.6	0.4	0.3	0.75	12	2.0
27	0.5	0.6	1.9	1.0	1.7	1.0	1.0	1.3	1.0	1.2	0.6	0.7	1.06	12	1.9
28	0.9	0.7	1.1	1.5	1.8	1.6	1.1	1.6	0.8	1.0	0.3	0.3	1.09	12	1.8
29	0.2	0.2	0.8	0.7	0.7										
AVG	1.47	1.38	1.61	2.04	1.84	1.50	1.34	1.28	1.50	1.52	1.31	1.40	1.51		
N(3)	17	17	17	17	17	17	17	17	17	17	17	17		199	
MAX*	3.3	3.1	3.8	4.4	3.6	3.0	3.0	2.9	3.9	3.7	2.4	3.4	3.04		4.4

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-411.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH | TIME (STARTING HOUR) | WASHINGTON D.C. | MARCH/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG N(3)															
MAX*															

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-412.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — WASHINGTON D.C. — APRIL/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29						0.8	1.5	1.4	1.2	0.7	0.5	0.7	1.00	07	1.5
30	0.6	0.7	0.8	1.4	1.4	0.9	1.1	0.6	0.8	0.8	0.6	0.6	0.90	12	1.4
AVG															
N(3)														019	
MAX*													1.00		1.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-413.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — WASHINGTON D.C. — MAY/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.7	0.5	1.0	1.7	1.8	1.0	1.0	1.0	1.0	0.9	0.3	0.4	0.98	12	1.8
02	0.3	0.1	0.5	0.7	0.5	0.3	0.3	0.5	0.6	0.9	1.0	0.3	0.53	12	1.0
03	0.7	0.6	0.4	0.7	0.9	0.8	0.8	0.5	0.6	1.0	0.6	1.0	0.78	12	1.0
04	0.7	1.1	2.0	1.7	1.2	0.7	0.7	0.7	0.6	0.8	0.8	0.8	1.02	12	2.0
05	0.8	1.4	3.5	3.1	2.0	0.9	0.8	1.1	0.9	0.8	0.8	0.5	1.42	12	3.5
06	1.1	1.3	1.5	1.6	1.0	0.4	0.4	0.5	0.7	0.7	0.9	0.8	0.95	12	1.6
07	0.8	1.1	1.8	1.4	1.3	1.2	1.4	0.8	1.3	1.2	1.3	1.6	1.31	12	1.8
08	2.8	3.0	3.7	3.7	2.7	1.1	1.0	1.0	1.6	2.1	2.1	1.3	2.21	12	3.7
09	0.8	1.0	1.2	1.3	1.6										
10												1.3			
11	1.0	0.5	0.5	2.0	1.1	0.9	0.7	0.6	1.3	2.4	3.0	4.3	1.55	12	4.3
12	3.5	2.2	1.8	3.1	2.1	1.5	0.8	1.0	1.4	1.7	1.7	1.8	1.93	12	3.5
13	1.5	1.2	1.1	1.3	1.6	1.3	0.8	0.7	2.0	0.9	1.5	0.7	1.24	12	2.0
14	0.5	0.4	0.3	1.2	0.6	0.7	0.5	0.5	0.5	0.9	0.7	0.4	0.64	12	1.2
15	0.3	0.2	0.8	1.3	1.4	0.7	0.8	1.1	0.8	1.2	1.5	1.5	1.00	12	1.5
16	1.1	1.5	1.5	1.4	1.5	0.8	0.7	0.5	0.7	0.7	1.3	0.6	1.07	12	1.5
17	0.8	0.7	1.1	1.1	2.3	1.0	0.4	0.7	1.1	0.9	2.1	2.0	1.23	12	2.3
18	1.8	1.0	1.8	2.4	1.1	0.8	0.3	0.7	0.3	1.5	2.1	1.3	1.30	12	2.4
19	0.9	0.9	1.5	1.6	1.1	1.0	0.9	1.1	1.0	1.3	0.8	0.9	1.12	12	1.6
20	1.1	0.6	0.6	0.8	1.0	1.1	0.4	0.7	0.7	1.0	0.6	0.6	0.82	12	1.1
21	0.9	0.5	0.5	1.0	0.7	0.5	0.5	0.7	0.6	0.7	0.7	0.3	0.68	12	1.0
22	0.5	0.6	0.7	1.2	1.2	1.3	0.9	1.0	0.3				0.90	09	1.3
23															
24															
25							0.2		0.4	0.5	0.5	1.0			
26	1.3	0.6	0.9	0.6	0.7	0.8	1.1	1.3	1.1	0.9	0.7	1.3	0.97	12	1.3
27	2.2	1.4			0.1	0.8	1.0	0.9	0.7	0.9	0.9	1.0	1.05	10	2.2
28	0.7	0.4	0.8	1.1	1.0	0.5	0.8	0.8	1.0	0.9	0.5	1.1	0.84	12	1.1
29	0.6	0.3	0.8	1.1	0.8	0.4	0.8	0.2	0.3	0.8	1.2	2.0	0.80	12	2.0
30	2.2	0.8	1.0	1.0	0.6	0.7	0.6	0.6	0.6	0.7	1.1	0.6	0.91	12	2.2
31	0.3	0.5	0.7	1.0	1.0	0.4	0.8	0.5	0.7	0.5	0.6	1.1	0.72	12	1.1
AVG	1.11	0.90	1.23	1.51	1.20	0.83	0.73	0.75	0.86	1.05	1.15	1.12	1.04		
N(3)	26	26	25	25	26	26	26	26	26	25	25	25		307	
MAX*	3.5	3.0	3.7	3.7	2.7	1.5	1.4	1.3	2.0	2.4	3.0	4.3	2.21		4.3

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-414.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — WASHINGTON D.C. — JUNE/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.0	0.8	1.1	1.7	1.0	0.8	0.5	0.9	1.6	1.3	1.6	1.6	1.19	12	1.7
02	1.5	1.2	1.3	1.7	0.8	0.9	0.7	0.8	1.4	1.3	1.7	0.9	1.23	12	1.7
03	1.1	1.0	1.2	1.6	1.1	0.7	1.0	1.0	1.0	0.8	1.0	1.7	1.14	12	1.7
04	2.7	2.0	1.6	2.0	0.6	0.7	0.4	0.8	0.9	1.4	1.8	2.7	1.51	12	2.7
05	1.2	1.0	1.4	1.0	0.5	0.5	0.9	0.8	0.8	0.9	0.5	0.5	0.88	12	1.4
06	1.0	0.6	0.5	0.4	0.7	0.7	0.6	0.6	0.8	0.7	1.1	0.8	0.75	12	1.1
07	0.3	0.5	0.3	0.5	0.5	0.2	0.4	0.3	0.4	0.6	0.8	0.5	0.49	12	0.8
08	0.5	0.5	0.7	1.2	1.0	0.7	0.8	1.2	2.3	1.4	1.2	1.4	1.10	12	2.3
09	1.1	2.4	2.6	2.0	1.9	0.7	0.9	0.8	0.9	0.5	0.7	0.7	1.32	12	2.6
10	1.0	1.0	1.2	2.1	1.4										
11															
12															
13															
14															
15															
16															
17						0.7	0.3	0.6	0.8	0.3	2.0	2.5	1.06	07	2.5
18	2.6	3.2	4.1	3.9	2.5	0.5	0.5	0.8	0.7	0.6	0.4	0.8	1.75	12	4.1
19	0.4	0.7	0.8	1.3	0.8	0.4	0.9	1.0	0.7	0.7	0.4	0.5	0.75	12	1.3
20	0.6	0.9	1.0	0.6	0.9	0.6	0.2	0.7	0.6	0.8	0.7	0.4	0.69	12	1.0
21	0.4	0.2	0.1	0.5	0.8	0.7	0.5	0.3	0.6	0.3	0.7	0.5	0.51	12	0.8
22	0.4	0.6	0.8	1.2	1.0	0.2	0.4	0.7	0.7	1.1	0.8	0.7	0.75	12	1.2
23	0.6	0.1	0.6	0.6	1.0	0.5	0.7	0.8	0.8	0.6	0.6	0.5	0.66	12	1.0
24	0.4	0.5	0.9	1.3	1.6	1.3		0.4	0.6	0.8	1.2	0.3	0.90	11	1.6
25	0.2	0.8	0.5	0.4	0.3	0.5	0.4	0.3	1.2	0.9	2.0	1.9	0.82	12	2.0
26	2.9	2.0	0.9	0.7	0.8	0.9	0.9	1.0	1.6	1.4	0.4	0.8	1.23	12	2.9
27	1.0	1.1	1.1	0.8	0.7	0.9	0.7	0.8	1.2	1.0	0.3	0.1	0.84	12	1.2
28	0.5	0.1		0.4	0.0	0.4	0.1	0.4	0.7	0.3	1.0	1.2	0.52	11	1.2
29	0.8	0.8	1.1	1.9	1.2	0.9	0.7	0.7	0.5	0.7	0.8	0.7	0.93	12	1.9
30	0.8	0.5	0.4	1.8	1.2	0.6	0.4	0.9	0.9	0.6	1.4	1.0	0.92	12	1.8
AVG	1.00	0.97	1.10	1.28	0.96	0.65	0.58	0.72	0.94	0.82	1.00	0.98	.91		
N(3)	23	23	22	23	23	23	22	23	23	23	23	23		269	
MAX*	2.9	3.2	4.1	3.9	2.5	1.3	1.0	1.2	2.3	1.4	2.0	2.7	1.75		4.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-415.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — WASHINGTON D.C. — JULY/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.4	1.3	1.4	1.8	1.0	0.7	0.7	0.7	0.9	1.0	1.0	1.1	1.12	12	1.8
02	0.8	0.3	0.5	0.9	1.3	1.0	1.2	1.1	1.3	0.9	0.5	1.3	0.96	12	1.3
03	0.6	0.8	0.8	0.6	0.8	0.6	0.3	0.5	0.2	0.7	0.8	0.5	0.63	12	0.8
04	0.5	0.4	0.6	0.8	0.6	0.5	0.3	0.2	0.5	0.8	0.7	0.1	0.53	12	0.8
05		0.1	0.2	0.1	0.3	0.2	0.4	0.3	0.3	0.1	0.7	0.8	0.38	11	0.8
06	0.3	0.6	0.8	1.1	0.7	0.2	0.3	0.4	0.2	0.3	0.7	1.0	0.59	12	1.1
07	0.4	0.4	0.7	1.3	1.5	0.9	0.6	0.6	0.3	0.6	0.3	0.4	0.71	12	1.5
08	0.4	0.3													
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG															
N(3)													083		
MAX*													1.12		1.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-416.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

WASHINGTON D.C. AUG/64

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG															
N(3)													000		
MAX*													.0		0.0

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-417.

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — WASHINGTON D.C. — SEPT/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG N(3)															
MAX*															

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-418.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — WASHINGTON D.C. — OCT/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG															
N(3)															
MAX*													.0	000	0.0

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-419.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — WASHINGTON D.C. — NOV/64

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG															
N(3)														000	
MAX*													.0		0.0

NO VALID DATA

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 10/30/68

Table 3-420.
CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

WASHINGTON D.C.

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	DEC/64 N (1)	DEC/64 MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16							0.8	1.1	1.4	2.0	1.3	0.8			
17	0.8	0.5	0.8	1.5	2.2	1.4	1.3	1.7	2.8	2.8	0.8	0.8	1.50	12	2.8
18	0.7	0.5	1.6	1.0	0.9	0.9	0.7	0.9	0.9	1.2	0.9	1.8	1.05	12	1.8
19	0.7	0.7	1.2	1.7	1.6	0.9	0.9	0.8	1.2	1.1	1.2	0.8	1.11	12	1.7
20	0.9	0.9	0.8	1.3	1.2	1.1	0.9	1.0	1.3	1.1	0.8	0.9	1.04	12	1.3
21	1.0	3.0	1.7	2.3	1.2	1.1	1.2	1.1	0.9	0.8	1.1	1.0	1.42	12	3.0
22	0.8	0.9	1.7	1.8	2.0	1.5	1.2	1.7	1.6	1.9	1.6	1.1	1.52	12	2.0
23	0.7	1.1	1.8	2.1	0.0	1.8	0.9	1.3	1.7	1.7	1.5	1.8	1.41	12	2.1
24	1.4	1.3	1.5	1.6	1.9	1.5	1.5	1.1	1.8	2.3	2.2	2.4	1.75	12	2.4
25	2.9	1.9	0.4	0.7	0.4	0.5	0.3		0.7	1.3	1.4	1.5	1.11	11	2.9
26	0.6	0.3	0.3	0.5	0.2	0.4	0.4	0.6	0.8	1.1	0.9	1.1	0.65	12	1.1
27	0.4	0.3	0.5	1.0	0.8	0.6	0.3	0.3	0.6	0.3	0.6	0.7	0.59	12	1.0
28	0.5	0.5	0.6	1.4	1.5	0.7	0.9	0.6	1.2	1.3	1.2	1.5	1.03	12	1.5
29	0.7	0.4	0.5	0.9	1.3	1.4	1.2	0.7	1.5	0.7	1.1	1.0	0.98	12	1.5
30	0.7	0.6	0.7	1.4	1.7	1.5	1.5	1.6	2.8	4.3	3.8	2.2	1.94	12	4.3
31	0.7	0.4	0.5	1.1	1.1	0.4	0.6	0.7	0.8	1.0	0.7	1.1	0.79	12	1.1
AVG													1.94		
N(3)														179	
MAX*															4.3

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

* U.S. GOVERNMENT PRINTING OFFICE : 1969 O—355-401